

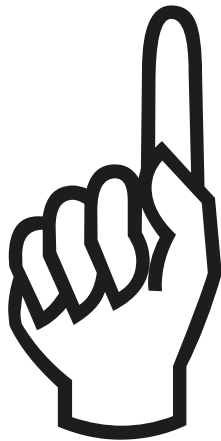
# Spare Parts List



Spreaders + Equipment



Model and serial number



**bogballe**

BOGBALLE A/S  
Bogballe · DK-7171 Uldum

|        |              |      |              |
|--------|--------------|------|--------------|
| TYPE   | <div>A</div> | NO   | <div>B</div> |
| NET.Kg |              | YEAR |              |
|        |              |      |              |

Made in Denmark

CE

=

| TYPE <div>A</div> | NO <div>B</div> |
|-------------------|-----------------|
| M60W              | >101            |
| M45W              | >101            |
| M35W              | >101            |
| M45               | >101            |
| M35               | >101            |
| L2W               | >101            |
| L2                | >101            |
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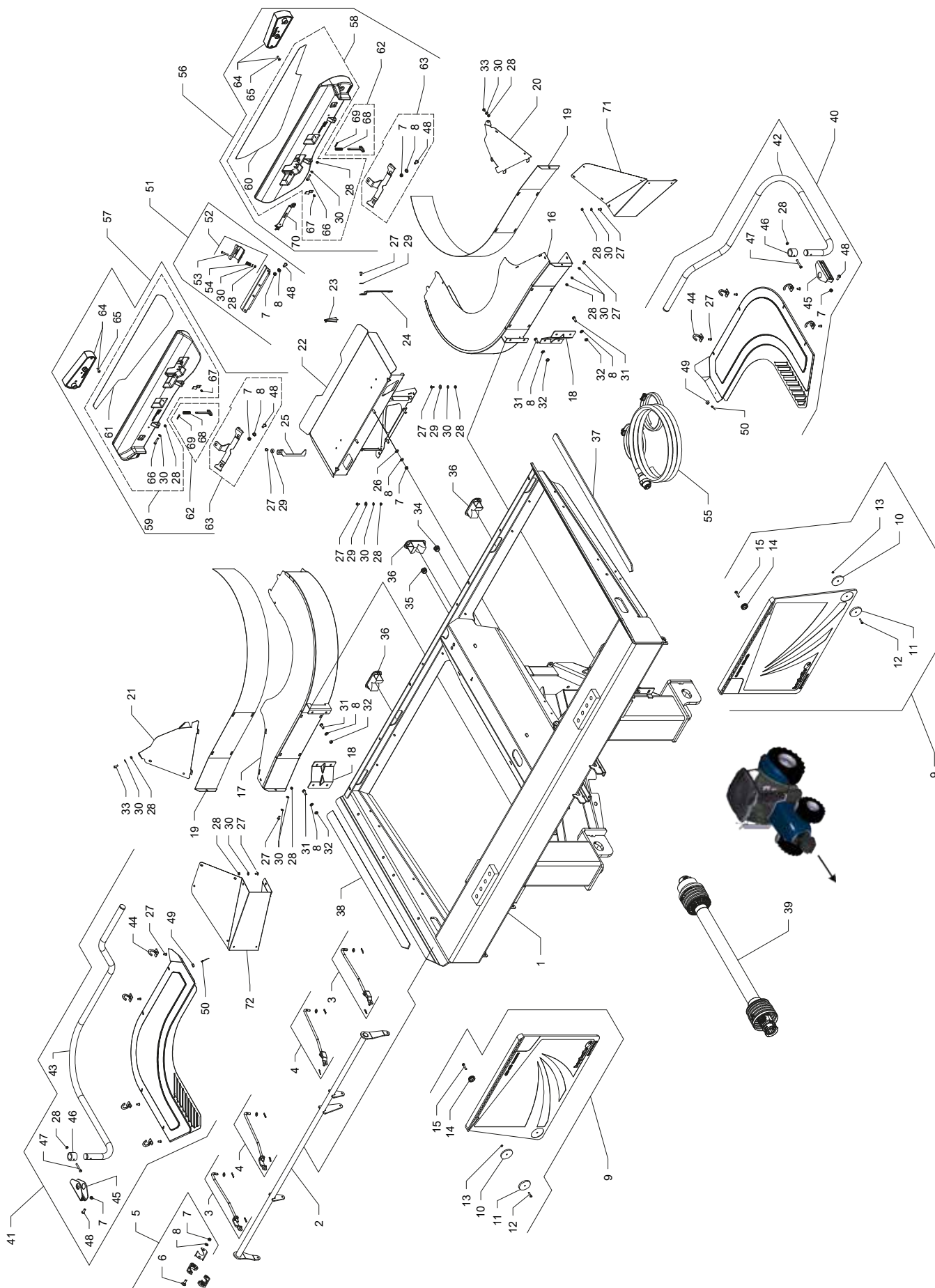
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Notes

Notes .....

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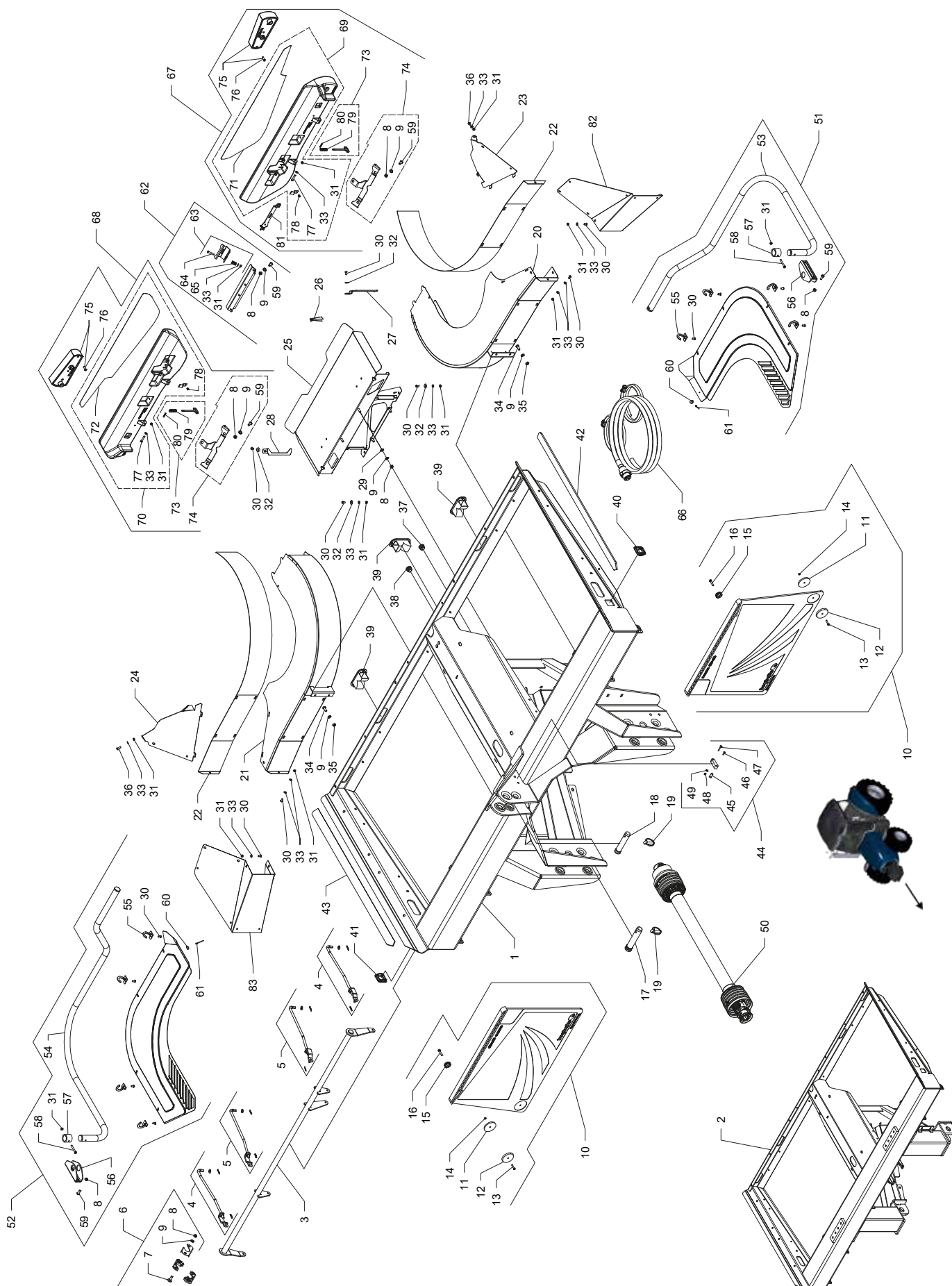
## Chassis



## Chassis

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                     |
|-----|-----|---------|--------------------------------|-----|-----|---------|---------------------------|
| 1   | 1   | 6420-51 | Frame M60W                     | 51  | 1   | 6231-55 | Fitting w/lock compl.     |
| 2   | 1   | 6340-01 | Adjustment shaft M-line        | 52  | 1   | 6231-58 | Lock f/pipe, compl.       |
| 3   | 2   | 6341-05 | Connection rod, big shutter    | 53  | 1   | 9961-33 | Button head M6x30mm, A2   |
| 4   | 2   | 6341-06 | Connection rod, small shutter  | 54  | 1   | N/A     | Spring 2,5x13,5x20,5x5,5V |
| 5   | 4   | 6340-05 | Plastic bearing w/bolts        | 55  | 1   | 6930-22 | Wire net f/light L/M-line |
| 6   | 8   | 9962-17 | Carriage bolt M8x25mm, A2      | 56  | 1   | 6233-11 | Rear lights (LED), left   |
| 7   | 22  | 9969-32 | Lock nut M8 w/nylon A2         | 57  | 1   | 6233-12 | Rear lights (LED), right  |
| 8   | 26  | 9930-32 | Washer 8,4x16x1,6mm, A2        | 58  | 1   | 6233-21 | Reflector support, left   |
| 9   | 2   | 6375-00 | Mud guard w/reflector, Dual    | 59  | 1   | 6233-22 | Reflector support, right  |
| 10  | 2   | 9943-26 | Reflector D R86 dia.60mm red   | 60  | 1   | 6233-31 | Reflector rep, left       |
| 11  | 2   | 9943-27 | Reflector D R86 dia.60mm white | 61  | 1   | 6233-32 | Reflector rep, right      |
| 12  | 2   | 9929-19 | Screw M5x25mm, A2              | 62  | 2   | 6233-25 | Lock f/light w/spring     |
| 13  | 2   | 9968-79 | Nut M5, A2                     | 63  | 2   | 6233-24 | Light support w/bolt      |
| 14  | 2   | 9990-43 | Handwheel dia. 31 for M6 nut   | 64  | 2   | 6233-23 | LED light w/bolt          |
| 15  | 2   | 9961-23 | Screw M6x30mm, A2              | 65  | 4   | 9961-27 | Button head M6x20mm, A2   |
| 16  | 1   | 6371-41 | Guard f/disc Dual, left        | 66  | 4   | 9961-06 | Cap screw M6x30mm A2      |
| 17  | 1   | 6371-42 | Guard f/disc Dual, right       | 67  | 2   | N/A     | Screw 4x8mm TX20, A2      |
| 18  | 2   | 6471-01 | Fitting for guard              | 68  | 2   | N/A     | Spring 1x11x37mm, A2      |
| 19  | 2   | 6371-10 | Loose plate f/guard M-line     | 69  | 2   | 9934-31 | Lock spring 1,75/94mm     |
| 20  | 1   | 6371-55 | Plate Dual, left               | 70  | 1   | 6312-45 | Multi-tool                |
| 21  | 1   | 6371-56 | Plate Dual, right              | 71  | 1   | 6930-97 | Guard M-line Dual, left   |
| 22  | 1   | 6372-41 | V-distributor Dual             | 72  | 1   | 6930-98 | Guard M-line Dual, right  |
| 23  | 1   | 6372-15 | Flair for distributor          |     |     |         |                           |
| 24  | 1   | 6372-10 | Guideplate V-distributor left  |     |     |         |                           |
| 25  | 1   | 6372-11 | Guideplate V-distributor right |     |     |         |                           |
| 26  | 4   | 9930-51 | Nylon washer 8,4x17x1,6mm      |     |     |         |                           |
| 27  | 22  | 9961-20 | Button head M6x12mm, A2        |     |     |         |                           |
| 28  | 21  | 9969-16 | Lock nut M6 w/nylon A2         |     |     |         |                           |
| 29  | 4   | 9930-03 | Washer 6,4x18x1,6mm, A2        |     |     |         |                           |
| 30  | 21  | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |     |     |         |                           |
| 31  | 8   | 9962-04 | Screw M8x20mm, A2              |     |     |         |                           |
| 32  | 8   | 9969-31 | Nut M8, A2                     |     |     |         |                           |
| 33  | 2   | 9961-21 | Button head M6x16mm, A2        |     |     |         |                           |
| 34  | 1   | 9990-08 | Blind plug f. 3/4" tube        |     |     |         |                           |
| 35  | 1   | 6350-12 | Sleeve for tension rod         |     |     |         |                           |
| 36  | 3   | 6229-20 | Deflector for flush holes      |     |     |         |                           |
| 37  | 1   | 6310-13 | Tightening left                |     |     |         |                           |
| 38  | 1   | 6310-14 | Tightening right               |     |     |         |                           |
| 39  | 1   | 9985-40 | PTO 810mm w/free wheeling      |     |     |         |                           |
| 40  | 1   | 6231-42 | Safety guard w/fitting left    |     |     |         |                           |
| 41  | 1   | 6231-43 | Safety guard w/fitting right   |     |     |         |                           |
| 42  | 1   | 6231-45 | Safety guard M-line Dual left  |     |     |         |                           |
| 43  | 1   | 6231-46 | Safety guard M-line Dual right |     |     |         |                           |
| 44  | 8   | 6231-52 | Support f/covering plate       |     |     |         |                           |
| 45  | 2   | 6231-47 | Pivot mounting                 |     |     |         |                           |
| 46  | 2   | 6231-48 | Bush f/pivot mounting          |     |     |         |                           |
| 47  | 2   | 9960-08 | Bolt M6x45mm, A2               |     |     |         |                           |
| 48  | 10  | 9913-50 | Button head M8x20mm, A2        |     |     |         |                           |
| 49  | 2   | N/A     | Cover H7,1/D15,9/Ø3,2          |     |     |         |                           |
| 50  | 2   | N/A     | Rivet Ø3,2x6,4                 |     |     |         |                           |

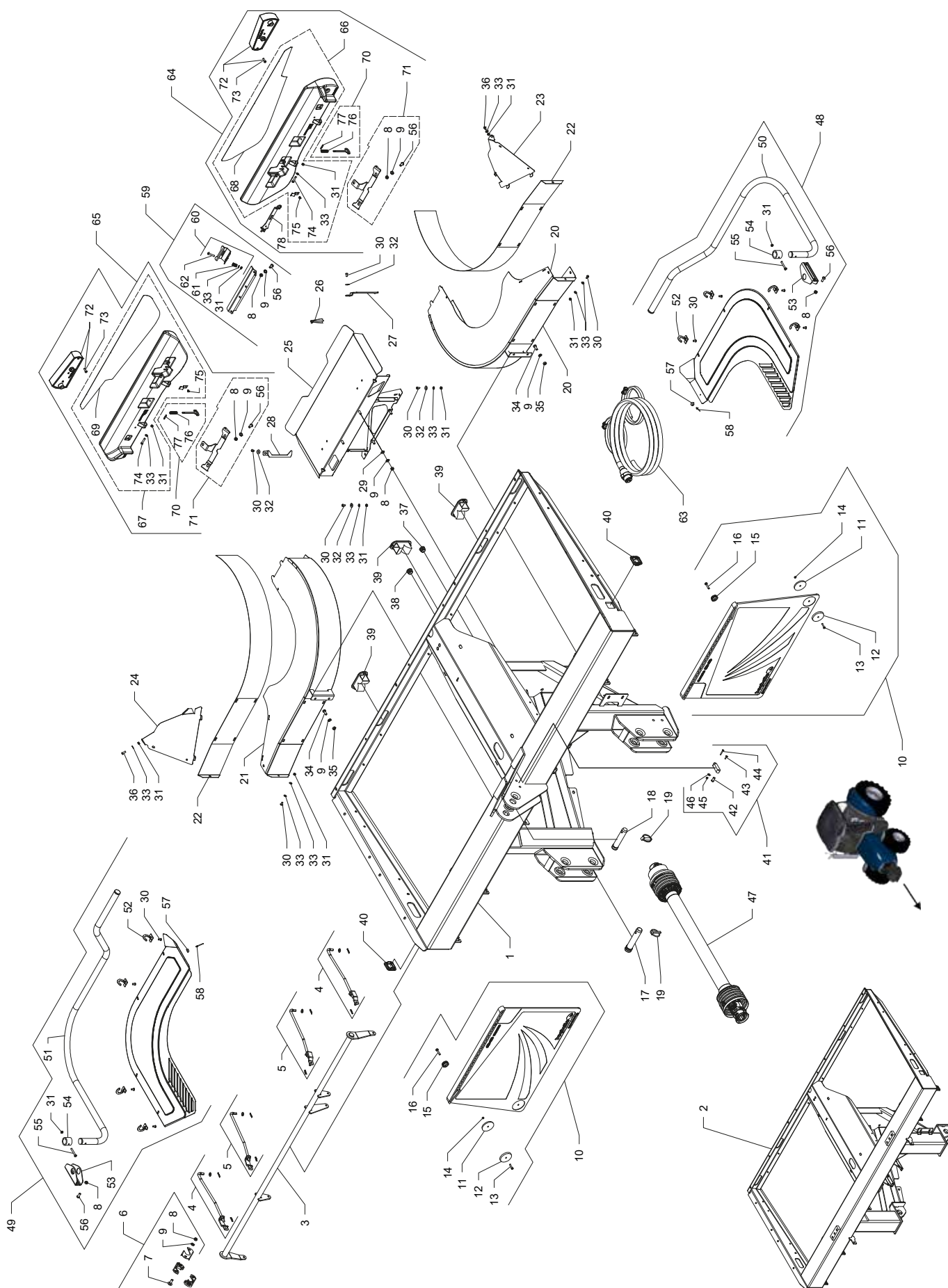
## Chassis



## Chassis

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|-----|-----|---------|--------------------------------|
| 1   | 1   | 6320-41 | Frame M45                      | 51  | 1   | 6231-42 | Safety guard w/fitting left    |
| 2   | 1   | 6320-51 | Frame M45W                     | 52  | 1   | 6231-43 | Safety guard w/fitting right   |
| 3   | 1   | 6340-01 | Adjustment shaft M-line        | 53  | 1   | 6231-45 | Safety guard M-line Dual left  |
| 4   | 2   | 6341-05 | Connection rod, big shutter    | 54  | 1   | 6231-46 | Safety guard M-line Dual right |
| 5   | 2   | 6341-06 | Connection rod, small shutter  | 55  | 8   | 6231-52 | Support f/covering plate       |
| 6   | 4   | 6340-05 | Plastic bearing w/bolts        | 56  | 2   | 6231-47 | Pivot mounting                 |
| 7   | 8   | 9962-17 | Carriage bolt M8x25mm, A2      | 57  | 2   | 6231-48 | Bush f/pivot mounting          |
| 8   | 22  | 9969-32 | Lock nut M8 w/nylon A2         | 58  | 2   | 9960-08 | Bolt M6x45mm, A2               |
| 9   | 22  | 9930-32 | Washer 8,4x16x1,6mm, A2        | 59  | 10  | 9913-50 | Button head M8x20mm, A2        |
| 10  | 2   | 6375-00 | Mud guard w/reflector, Dual    | 60  | 2   | N/A     | Cover H7,1/D15,9/Ø3,2          |
| 11  | 2   | 9943-26 | Reflector D R86 dia.60mm red   | 61  | 2   | N/A     | Rivet Ø3,2x6,4                 |
| 12  | 2   | 9943-27 | Reflector D R86 dia.60mm white | 62  | 1   | 6231-55 | Fitting w/lock compl.          |
| 13  | 2   | 9929-19 | Screw M5x25mm, A2              | 63  | 1   | 6231-58 | Lock f/pipe, compl.            |
| 14  | 2   | 9968-79 | Nut M5, A2                     | 64  | 1   | 9961-33 | Button head M6x30mm, A2        |
| 15  | 2   | 9990-43 | Handwheel dia. 31 for M6 nut   | 65  | 1   | N/A     | Spring 2,5x13,5x20,5x5,5V      |
| 16  | 2   | 9961-23 | Screw M6x30mm, A2              | 66  | 1   | 6930-22 | Wire net f/light L/M-line      |
| 17  | 2   | 6320-03 | Lower link pin, dia. 28x100mm  | 67  | 1   | 6233-11 | Rear lights (LED), left        |
| 18  | 1   | 6320-04 | Top link pin, dia. 25x97mm     | 68  | 1   | 6233-12 | Rear lights (LED), right       |
| 19  | 3   | 9938-74 | Linch pin 10x45mm              | 69  | 1   | 6233-21 | Reflector support, left        |
| 20  | 1   | 6371-41 | Guard f/disc Dual, left        | 70  | 1   | 6233-22 | Reflector support, right       |
| 21  | 1   | 6371-42 | Guard f/disc Dual, right       | 71  | 1   | 6233-31 | Reflector rep, left            |
| 22  | 2   | 6371-10 | Loose plate f/guard M-line     | 72  | 1   | 6233-32 | Reflector rep, right           |
| 23  | 1   | 6371-55 | Plate Dual, left               | 73  | 2   | 6233-25 | Lock f/light w/spring          |
| 24  | 1   | 6371-56 | Plate Dual, right              | 74  | 2   | 6233-24 | Light support w/bolt           |
| 25  | 1   | 6372-41 | V-distributor Dual             | 75  | 2   | 6233-23 | LED light w/bolt               |
| 26  | 1   | 6372-15 | Flair for distributor          | 76  | 4   | 9961-27 | Button head M6x20mm, A2        |
| 27  | 1   | 6372-10 | Guideplate V-distributor left  | 77  | 4   | 9961-06 | Cap screw M6x30mm A2           |
| 28  | 1   | 6372-11 | Guideplate V-distributor right | 78  | 2   | N/A     | Screw 4x8mm TX20, A2           |
| 29  | 4   | 9930-51 | Nylon washer 8,4x17x1,6mm      | 79  | 2   | N/A     | Spring 1x11x37mm, A2           |
| 30  | 22  | 9961-20 | Button head M6x12mm, A2        | 80  | 2   | 9934-31 | Lock spring 1,75/94mm          |
| 31  | 21  | 9969-16 | Lock nut M6 w/nylon A2         | 81  | 1   | 6312-45 | Multi-tool                     |
| 32  | 4   | 9930-03 | Washer 6,4x18x1,6mm, A2        | 82  | 1   | 6930-97 | Guard M-line Dual, left        |
| 33  | 21  | 9930-02 | Washer 6,2x12,5x1,6mm, A2      | 83  | 1   | 6930-98 | Guard M-line Dual, right       |
| 34  | 4   | 9962-04 | Screw M8x20mm, A2              |     |     |         |                                |
| 35  | 4   | 9969-31 | Nut M8, A2                     |     |     |         |                                |
| 36  | 2   | 9961-21 | Button head M6x16mm, A2        |     |     |         |                                |
| 37  | 1   | 9990-08 | Blind plug f. 3/4" tube        |     |     |         |                                |
| 38  | 1   | 6350-12 | Sleeve for tension rod         |     |     |         |                                |
| 39  | 3   | 6229-20 | Deflector for flush holes      |     |     |         |                                |
| 40  | 2   | 6329-21 | Plastic insert 35x35x6mm       |     |     |         |                                |
| 41  | 2   | 6229-21 | Plastic insert 35x35x5mm       |     |     |         |                                |
| 42  | 1   | 6310-13 | Tightening left                |     |     |         |                                |
| 43  | 1   | 6310-14 | Tightening right               |     |     |         |                                |
| 44  | 1   | 6381-31 | Reference spirit level kit     |     |     |         |                                |
| 45  | 1   | 6381-32 | Pin f. reference spirit level  |     |     |         |                                |
| 46  | 1   | 9960-02 | Countersunk screw M4x16mm, A2  |     |     |         |                                |
| 47  | 1   | 9960-05 | Countersunk screw M4x30mm, A2  |     |     |         |                                |
| 48  | 1   | 9969-28 | Lock nut M4 w/nylon A2         |     |     |         |                                |
| 49  | 1   | 9930-38 | Washer 4,3x12x1mm, A2          |     |     |         |                                |
| 50  | 1   | 9985-40 | PTO 810mm w/free wheeling      |     |     |         |                                |

## Chassis

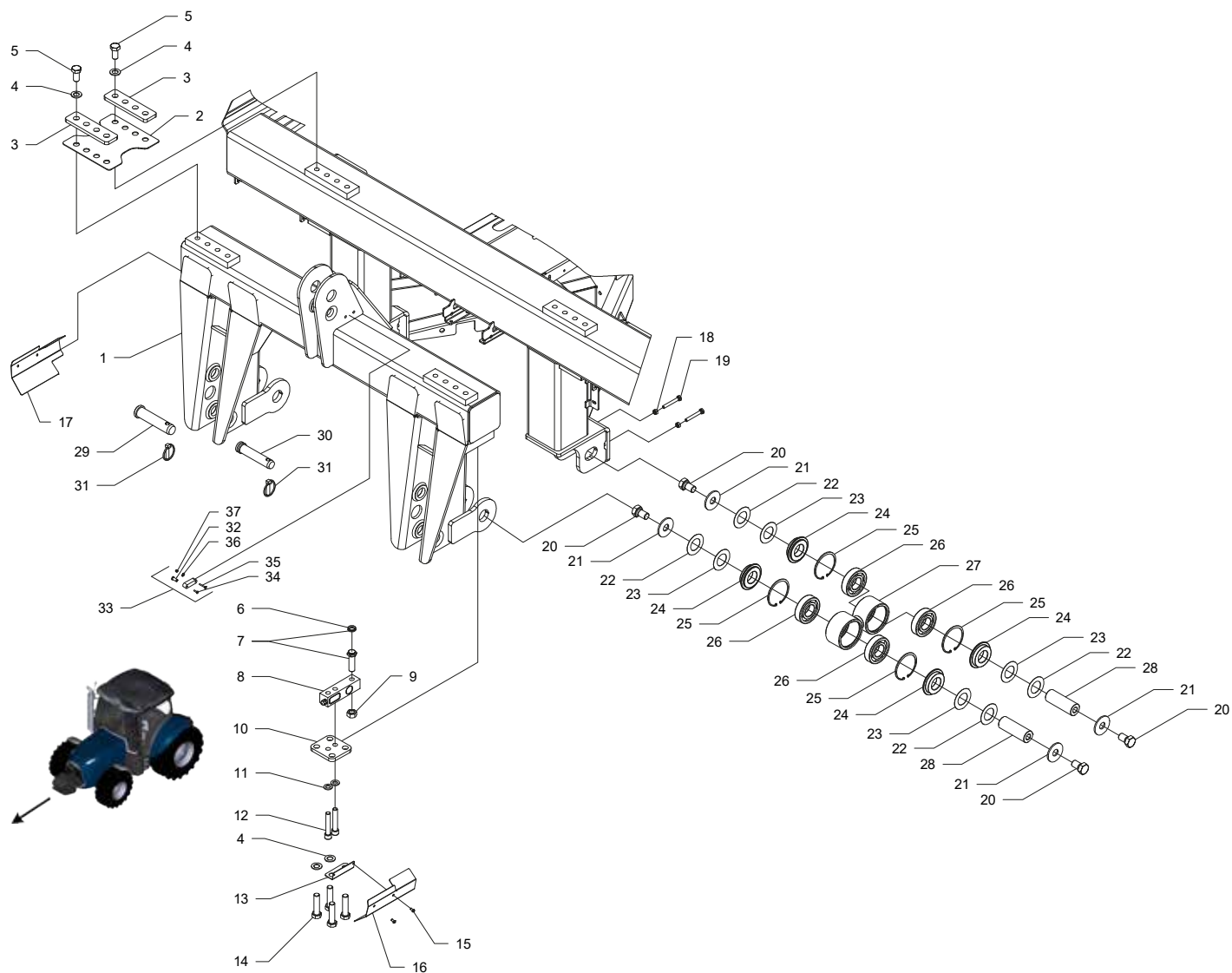




## Chassis

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|-----|-----|---------|--------------------------------|
| 1   | 1   | 6220-41 | Frame M35                      | 51  | 1   | 6231-46 | Safety guard M-line Dual right |
| 2   | 1   | 6220-51 | Frame M35W                     | 52  | 8   | 6231-52 | Support f/covering plate       |
| 3   | 1   | 6340-01 | Adjustment shaft M-line        | 53  | 2   | 6231-47 | Pivot mounting                 |
| 4   | 2   | 6341-05 | Connection rod, big shutter    | 54  | 2   | 6231-48 | Bush f/pivot mounting          |
| 5   | 2   | 6341-06 | Connection rod, small shutter  | 55  | 2   | 9960-08 | Bolt M6x45mm, A2               |
| 6   | 4   | 6340-05 | Plastic bearing w/bolts        | 56  | 10  | 9913-50 | Button head M8x20mm, A2        |
| 7   | 8   | 9962-17 | Carriage bolt M8x25mm, A2      | 57  | 2   | N/A     | Cover H7,1/D15,9/Ø3,2          |
| 8   | 22  | 9969-32 | Lock nut M8 w/nylon A2         | 58  | 2   | N/A     | Rivet Ø3,2x6,4                 |
| 9   | 22  | 9930-32 | Washer 8,4x16x1,6mm, A2        | 59  | 1   | 6231-55 | Fitting w/lock compl.          |
| 10  | 2   | 6375-00 | Mud guard w/reflector, Dual    | 60  | 1   | 6231-58 | Lock f/pipe, compl.            |
| 11  | 2   | 9943-26 | Reflector D R86 dia.60mm red   | 61  | 1   | N/A     | Spring 2,5x13,5x20,5x5,5V      |
| 12  | 2   | 9943-27 | Reflector D R86 dia.60mm white | 62  | 1   | 9961-33 | Button head M6x30mm, A2        |
| 13  | 2   | 9929-19 | Screw M5x25mm, A2              | 63  | 1   | 6930-22 | Wire net f/light L/M-line      |
| 14  | 2   | 9968-79 | Nut M5, A2                     | 64  | 1   | 6233-11 | Rear lights (LED), left        |
| 15  | 2   | 9990-43 | Handwheel dia. 31 for M6 nut   | 65  | 1   | 6233-12 | Rear lights (LED), right       |
| 16  | 2   | 9961-23 | Screw M6x30mm, A2              | 66  | 1   | 6233-21 | Reflector support, left        |
| 17  | 2   | 6320-03 | Lower link pin, dia. 28x100mm  | 67  | 1   | 6233-22 | Reflector support, right       |
| 18  | 1   | 6320-04 | Top link pin, dia. 25x97mm     | 68  | 1   | 6233-31 | Reflector rep, left            |
| 19  | 3   | 9938-74 | Linch pin 10x45mm              | 69  | 1   | 6233-32 | Reflector rep, right           |
| 20  | 1   | 6371-41 | Guard f/disc Dual, left        | 70  | 2   | 6233-25 | Lock f/light w/spring          |
| 21  | 1   | 6371-42 | Guard f/disc Dual, right       | 71  | 2   | 6233-24 | Light support w/bolt           |
| 22  | 2   | 6371-10 | Loose plate f/guard M-line     | 72  | 2   | 6233-23 | LED light w/bolt               |
| 23  | 1   | 6371-55 | Plate Dual, left               | 73  | 4   | 9961-27 | Button head M6x20mm, A2        |
| 24  | 1   | 6371-56 | Plate Dual, right              | 74  | 4   | 9961-06 | Cap screw M6x30mm A2           |
| 25  | 1   | 6372-41 | V-distributor Dual             | 75  | 2   | N/A     | Screw 4x8mm TX20, A2           |
| 26  | 1   | 6372-15 | Flair for distributor          | 76  | 2   | N/A     | Spring 1x11x37mm, A2           |
| 27  | 1   | 6372-10 | Guideplate V-distributor left  | 77  | 2   | 9934-31 | Lock spring 1,75/94mm          |
| 28  | 1   | 6372-11 | Guideplate V-distributor right | 78  | 1   | 6312-45 | Multi-tool                     |
| 29  | 4   | 9930-51 | Nylon washer 8,4x17x1,6mm      |     |     |         |                                |
| 30  | 22  | 9961-20 | Button head M6x12mm, A2        |     |     |         |                                |
| 31  | 21  | 9969-16 | Lock nut M6 w/nylon A2         |     |     |         |                                |
| 32  | 4   | 9930-03 | Washer 6,4x18x1,6mm, A2        |     |     |         |                                |
| 33  | 21  | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |     |     |         |                                |
| 34  | 4   | 9962-04 | Screw M8x20mm, A2              |     |     |         |                                |
| 35  | 4   | 9969-31 | Nut M8, A2                     |     |     |         |                                |
| 36  | 2   | 9961-21 | Button head M6x16mm, A2        |     |     |         |                                |
| 37  | 1   | 9990-08 | Blind plug f. 3/4" tube        |     |     |         |                                |
| 38  | 1   | 6350-12 | Sleeve for tension rod         |     |     |         |                                |
| 39  | 3   | 6229-20 | Deflector for flush holes      |     |     |         |                                |
| 40  | 4   | 6229-21 | Plastic insert 35x35x5mm       |     |     |         |                                |
| 41  | 1   | 6381-31 | Reference spirit level kit     |     |     |         |                                |
| 42  | 1   | 6381-32 | Pin f. reference spirit level  |     |     |         |                                |
| 43  | 1   | 9960-02 | Countersunk screw M4x16mm, A2  |     |     |         |                                |
| 44  | 1   | 9960-05 | Countersunk screw M4x30mm, A2  |     |     |         |                                |
| 45  | 1   | 9969-28 | Lock nut M4 w/nylon A2         |     |     |         |                                |
| 46  | 1   | 9930-38 | Washer 4,3x12x1mm, A2          |     |     |         |                                |
| 47  | 1   | 9985-40 | PTO 810mm w/free wheeling      |     |     |         |                                |
| 48  | 1   | 6231-42 | Safety guard w/fitting left    |     |     |         |                                |
| 49  | 1   | 6231-43 | Safety guard w/fitting right   |     |     |         |                                |
| 50  | 1   | 6231-45 | Safety guard M-line Dual left  |     |     |         |                                |

# Weighing frame

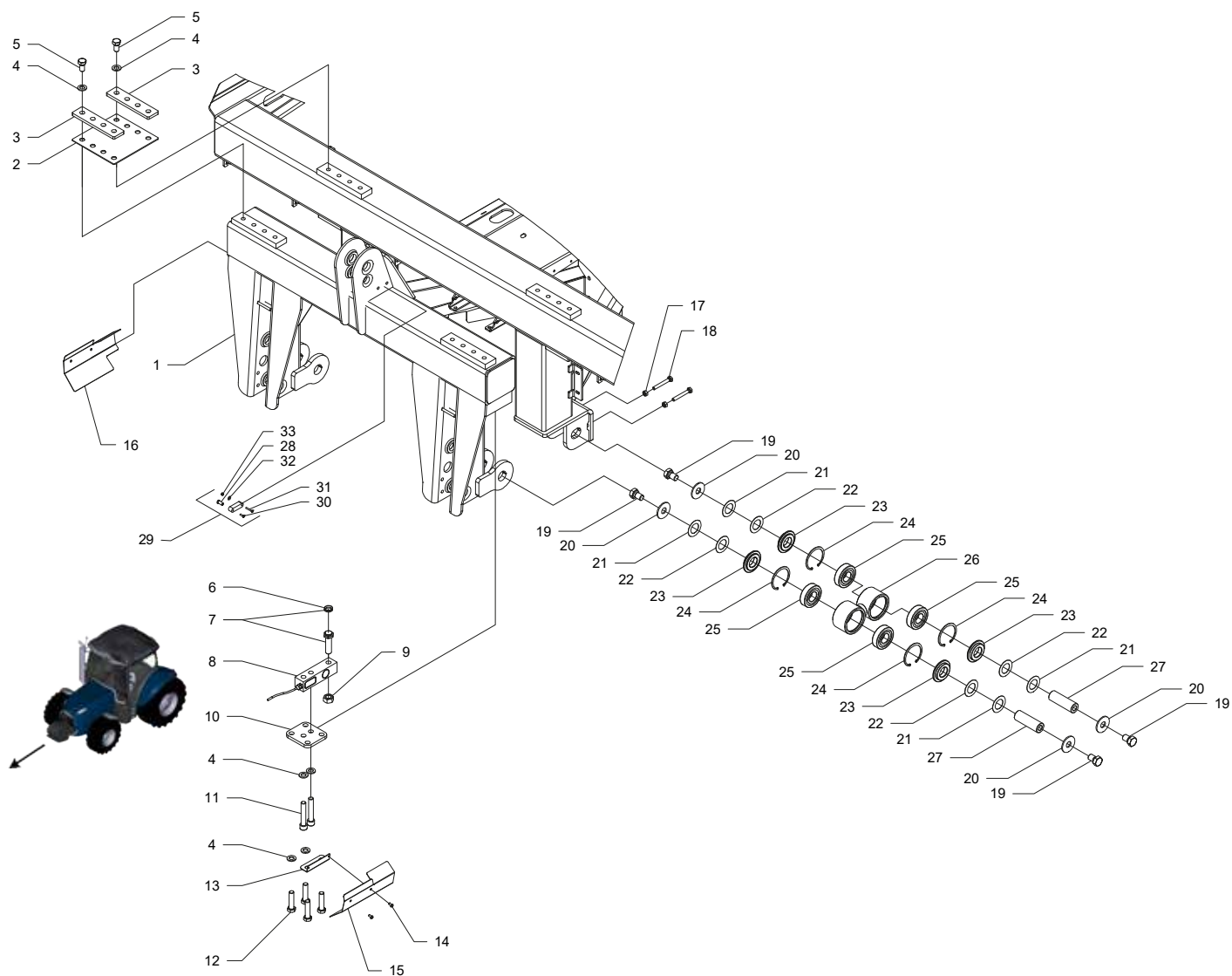




## Weighing frame

| Pos | Qty | Part no | Notes                         |
|-----|-----|---------|-------------------------------|
| 1   | 1   | 6422-30 | Front frame loose M60W/M6W    |
| 2   | 2   | 6420-25 | Spring for frame, M60W/M6W    |
| 3   | 4   | 6420-26 | Clamp f/spring M60W/M6W       |
| 4   | 20  | 9930-40 | Washer 21x37x3mm, A2          |
| 5   | 16  | 9965-00 | Screw M20x40mm, kl.80 A4      |
| 6   | 2   | 9936-27 | V-ring VA 0022                |
| 7   | 2   | 6320-28 | Bolt f/load cell complete     |
| 8   | 2   | 9942-33 | Load cell 6 tonne w/wire      |
| 9   | 2   | 9968-97 | Steel nut M20, A2             |
| 10  | 2   | 6422-43 | Clamping plate f/load cell    |
| 11  | 4   | 9930-20 | Washer 17x30x3mm, A2          |
| 12  | 4   | 9913-41 | Screw M16x90mm, 12.9          |
| 13  | 2   | 6422-44 | Support f/shield M6W          |
| 14  | 8   | 9967-52 | Steel bolt M20x80mm, A2       |
| 15  | 4   | 9961-20 | Button head M6x12mm, A2       |
| 16  | 1   | 6322-46 | Cover plate load cell, left   |
| 17  | 1   | 6322-47 | Cover plate load cell, right  |
| 18  | 4   | 9969-46 | Nut M10, A2                   |
| 19  | 4   | 9963-19 | Screw M10x75mm, A2            |
| 20  | 8   | 9967-61 | Screw M24x40mm, A2            |
| 21  | 8   | 6420-37 | Washer 26x72x5mm              |
| 22  | 8   | 6420-35 | Adjusting disc 0,5 mm         |
| 23  | 8   | 6420-36 | Adjusting disc 1,0 mm         |
| 24  | 8   | 6420-34 | End washer f/bearing          |
| 25  | 8   | 9937-50 | Locking ring I 100            |
| 26  | 8   | 9950-06 | Ball bearing 6309 2RS         |
| 27  | 2   | 6420-30 | Tilt part M60W/M6W            |
| 28  | 4   | 6420-33 | Shaft for tilt part           |
| 29  | 2   | 6420-04 | Lower link Pin, Cat. 3        |
| 30  | 1   | 6420-03 | Top link Pin, cat. 3 125 mm   |
| 31  | 3   | 9938-75 | Linch Pin 11x50mm             |
| 32  | 1   | 6381-32 | Pin f. reference spirit level |
| 33  | 1   | 6381-31 | Reference spirit level kit    |
| 34  | 1   | 9960-02 | Countersunk screw M4x16mm, A2 |
| 35  | 1   | 9960-05 | Countersunk screw M4x30mm, A2 |
| 36  | 1   | 9930-38 | Washer 4,3x12x1mm, A2         |
| 37  | 1   | 9969-28 | Lock nut M4 w/nylon A2        |

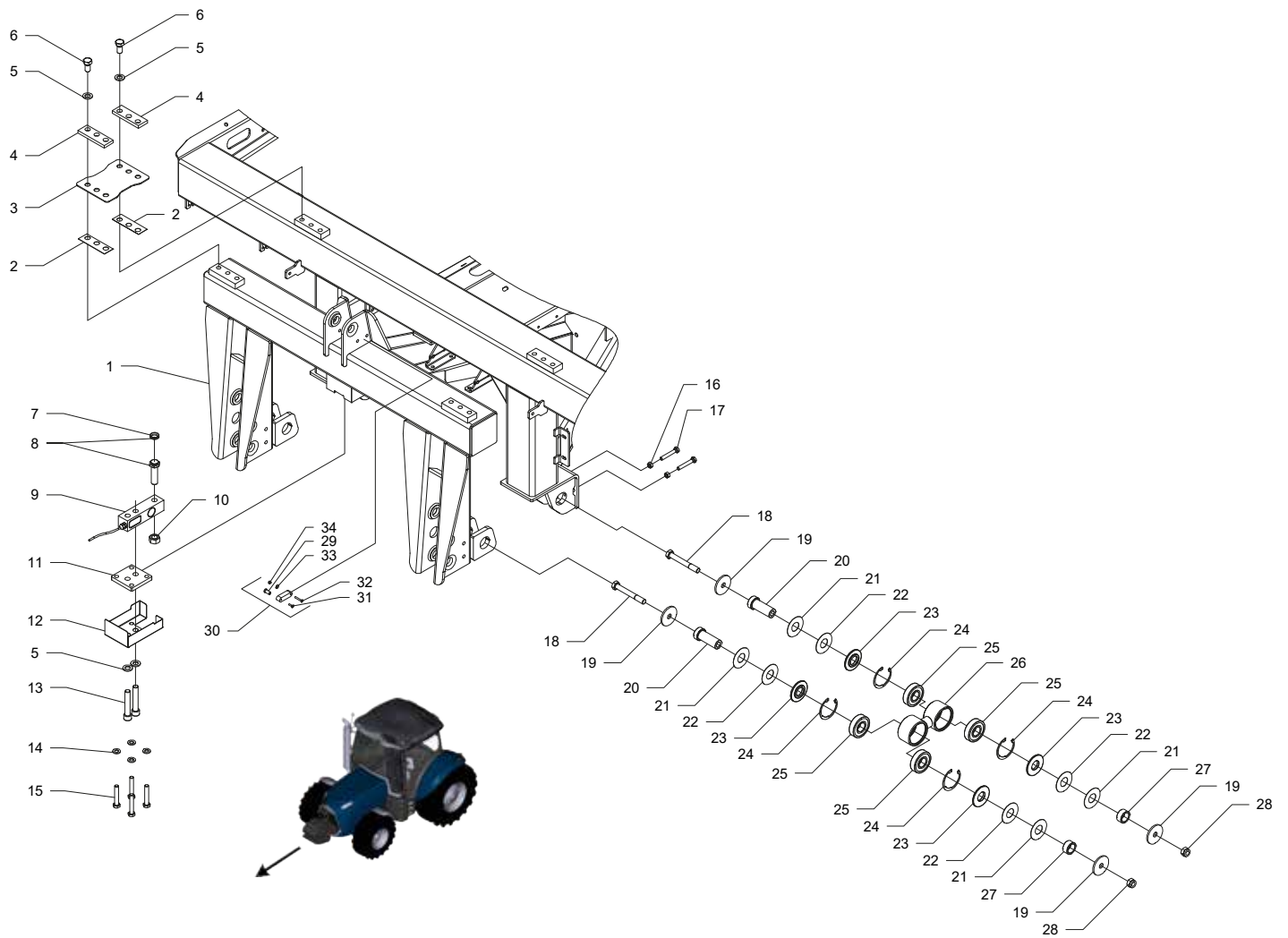
# Weighing frame



## Weighing frame

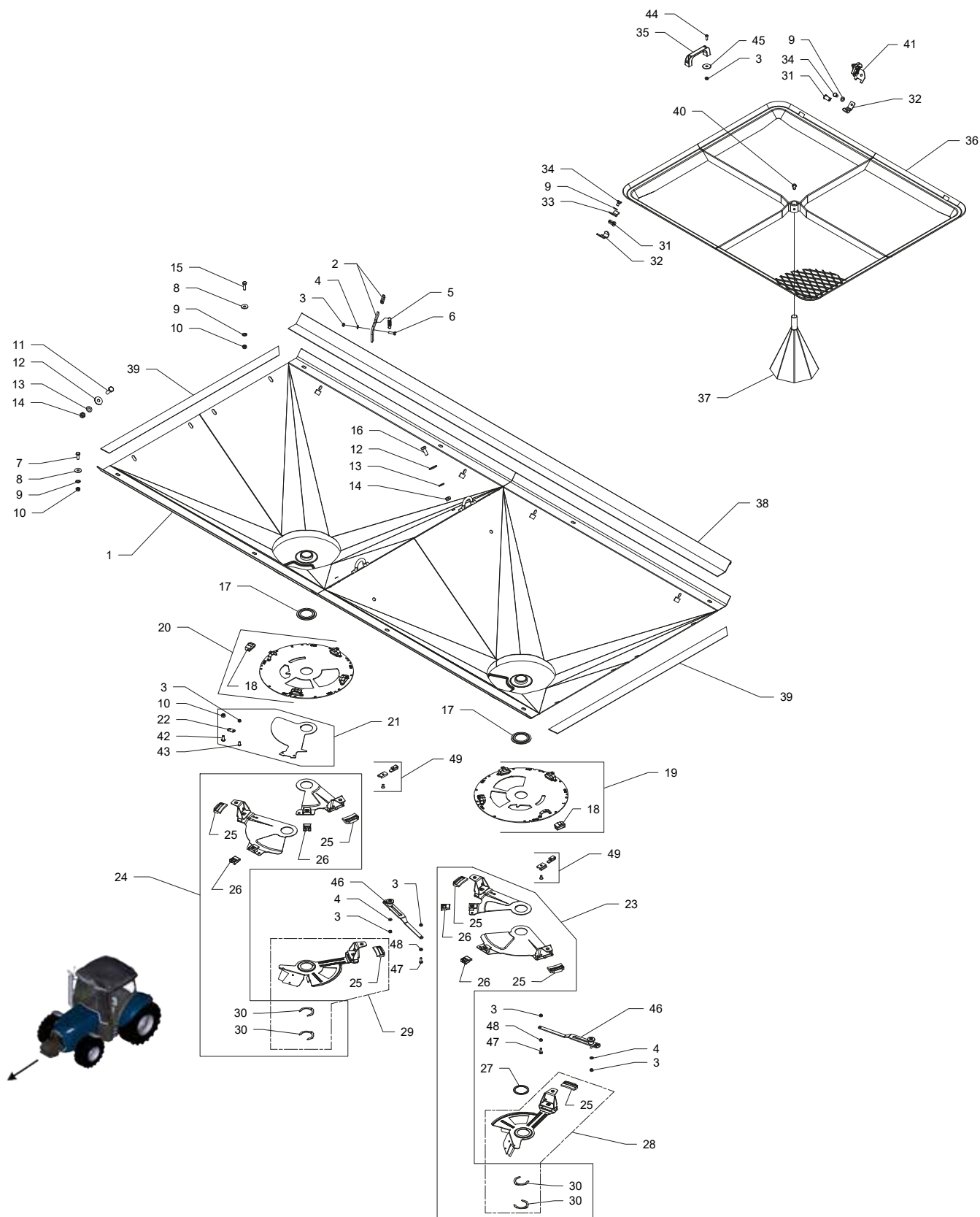
| Pos | Qty | Part no | Notes                         |
|-----|-----|---------|-------------------------------|
| 1   | 1   | 6322-30 | Front frame loose M45W/M3W    |
| 2   | 2   | 6320-25 | Spring for frame, M45W/M3W    |
| 3   | 4   | 6320-26 | Clamp f/spring M45W/M3W       |
| 4   | 24  | 9930-20 | Washer 17x30x3mm, A2          |
| 5   | 16  | 9964-71 | Screw M16x30mm, kl.80 A4      |
| 6   | 2   | 9936-27 | V-ring VA 0022                |
| 7   | 2   | 6320-28 | Bolt f/load cell complete     |
| 8   | 2   | 9942-33 | Load cell 6 tonne w/wire      |
| 9   | 2   | 9968-97 | Steel nut M20, A2             |
| 10  | 2   | 6322-43 | Clamping plate f/load cell    |
| 11  | 4   | 9913-41 | Screw M16x90mm, 12.9          |
| 12  | 8   | 9964-77 | Steel bolt M16x65mm, A2       |
| 13  | 2   | 6322-45 | Fitting for cover plate       |
| 14  | 4   | 9961-20 | Button head M6x12mm, A2       |
| 15  | 1   | 6322-46 | Cover plate load cell, left   |
| 16  | 1   | 6322-47 | Cover plate load cell, right  |
| 17  | 4   | 9969-46 | Nut M10, A2                   |
| 18  | 4   | 9963-19 | Screw M10x75mm, A2            |
| 19  | 8   | 9964-98 | Screw M20x30mm, A2            |
| 20  | 8   | 9930-15 | Washer 22x58,5x4mm, A2        |
| 21  | 8   | 6320-34 | Adjusting disc 0,5mm          |
| 22  | 8   | 6320-35 | Adjusting disc 1mm            |
| 23  | 8   | 6320-33 | End washer f/bearing          |
| 24  | 8   | 9937-48 | Locking ring I 80             |
| 25  | 8   | 9950-07 | Ball bearing 6307-2RS         |
| 26  | 2   | 6320-30 | Tilt part M45W/M3W            |
| 27  | 4   | 6320-32 | Shaft for tilt part           |
| 28  | 1   | 6381-32 | Pin f. reference spirit level |
| 29  | 1   | 6381-31 | Reference spirit level kit    |
| 30  | 1   | 9960-02 | Countersunk screw M4x16mm, A2 |
| 31  | 1   | 9960-05 | Countersunk screw M4x30mm, A2 |
| 32  | 1   | 9930-38 | Washer 4,3x12x1mm, A2         |
| 33  | 1   | 9969-28 | Lock nut M4 w/nylon A2        |

# Weighing frame



## Weighing frame

| Pos | Qty | Part no | Notes                         |
|-----|-----|---------|-------------------------------|
| 1   | 1   | 6222-30 | Front frame loose M35W/M2W    |
| 2   | 4   | 6220-27 | Friction plate for spring     |
| 3   | 2   | 6220-25 | Spring for frame, M35W/M2W    |
| 4   | 4   | 6220-26 | Clamp f/spring M35W/M2W       |
| 5   | 14  | 9930-20 | Washer 17x30x3mm, A2          |
| 6   | 12  | 9964-71 | Screw M16x30mm, kl.80 A4      |
| 7   | 1   | 9936-27 | V-ring VA 0022                |
| 8   | 1   | 6320-28 | Bolt f/load cell complete     |
| 9   | 1   | 9942-33 | Load cell 6 tonne w/wire      |
| 10  | 1   | 9968-97 | Steel nut M20, A2             |
| 11  | 1   | 6222-43 | Clamping plate f/load cell    |
| 12  | 1   | 4522-40 | Protection sheet f/load cell  |
| 13  | 2   | 9913-41 | Screw M16x90mm, 12.9          |
| 14  | 4   | 9930-35 | Washer 13x24x2,5mm, A2        |
| 15  | 4   | 9966-52 | Bolt M12x70, 10.9             |
| 16  | 4   | 9969-46 | Nut M10, A2                   |
| 17  | 4   | 9963-18 | Screw M10x65mm, A2            |
| 18  | 4   | 9964-79 | Steel bolt M16x120mm, A2      |
| 19  | 8   | 6220-34 | Washer                        |
| 20  | 4   | 6220-35 | Shaft for tilt part           |
| 21  | 8   | 6220-38 | Adjusting disc 0,5mm          |
| 22  | 8   | 6220-37 | Adjusting disc 1mm            |
| 23  | 8   | 6220-33 | End washer f/bearing          |
| 24  | 8   | 9937-45 | Locking ring I 72             |
| 25  | 8   | 9950-05 | Ball bearing 6306-2RS         |
| 26  | 2   | 6220-30 | Tilt part M35W/M2W            |
| 27  | 4   | 6220-36 | Bush for shaft                |
| 28  | 4   | 9969-84 | Lock nut M16 w/nylon A2       |
| 29  | 1   | 6381-32 | Pin f. reference spirit level |
| 30  | 1   | 6381-31 | Reference spirit level kit    |
| 31  | 1   | 9960-02 | Countersunk screw M4x16mm, A2 |
| 32  | 1   | 9960-05 | Countersunk screw M4x30mm, A2 |
| 33  | 1   | 9930-38 | Washer 4,3x12x1mm, A2         |
| 34  | 1   | 9969-28 | Lock nut M4 w/nylon A2        |

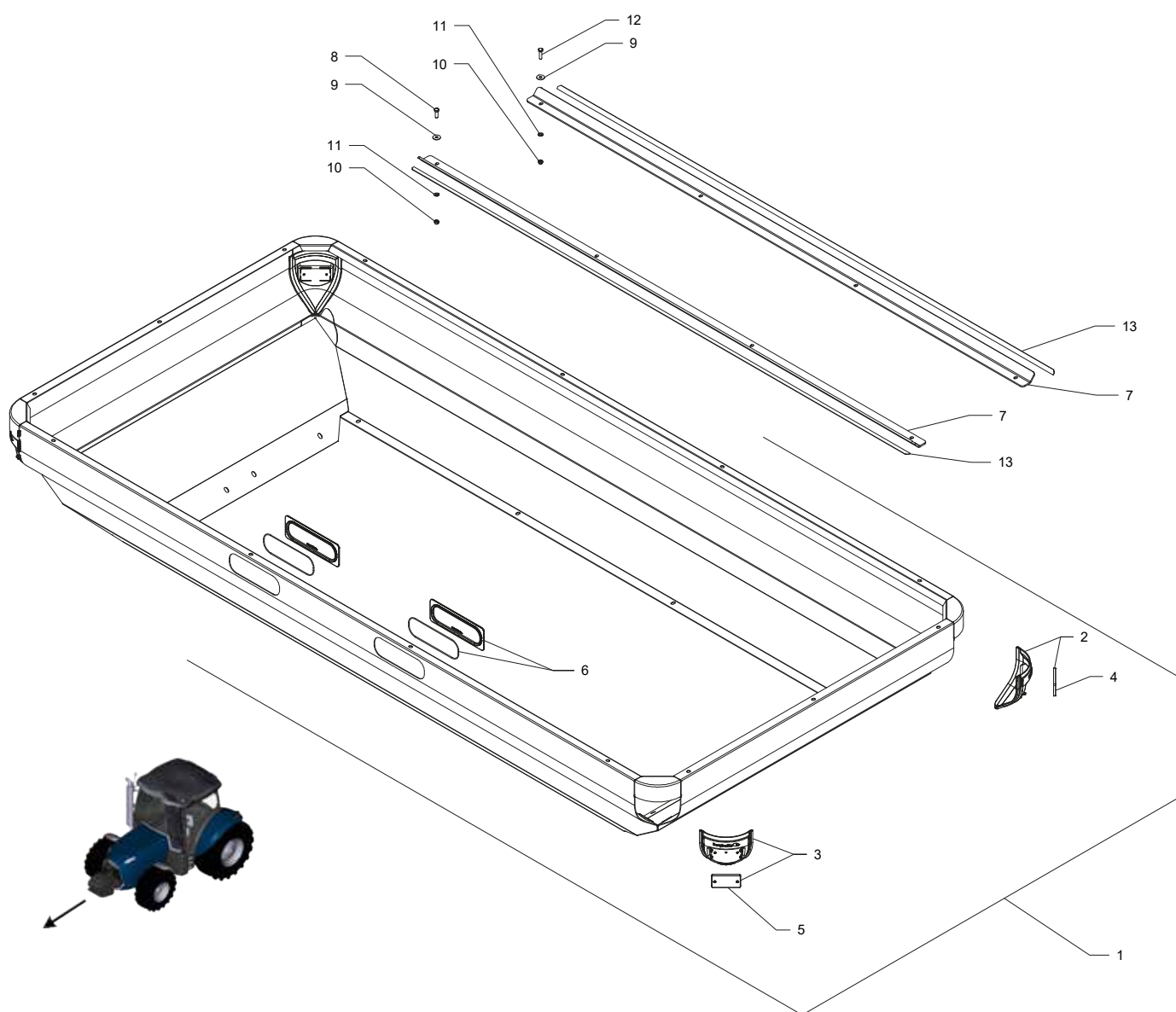


## Hopper with outlet shutters

| Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|
| 1   | 1   | 6310-45 | Hopper M-line Dual             |
| 2   | 2   | 6310-51 | Lock handel, Dual              |
| 3   | 11  | 9969-16 | Lock nut M6 w/nylon A2         |
| 4   | 4   | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |
| 5   | 2   | 9934-13 | Spring 1,5x11x32mm             |
| 6   | 2   | 9961-12 | Screw M6x20mm, A2              |
| 7   | 4   | 9962-04 | Screw M8x20mm, A2              |
| 8   | 8   | 9930-31 | Washer 8,4x24x2mm, A2          |
| 9   | 16  | 9930-32 | Washer 8,4x16x1,6mm, A2        |
| 10  | 9   | 9969-32 | Lock nut M8 w/nylon A2         |
| 11  | 8   | 9963-12 | Screw M10x30mm, A2             |
| 12  | 12  | 9930-25 | Washer 10,5x30x2,5mm, A2       |
| 13  | 12  | 9968-44 | Washer 10,5x21x2mm, A2         |
| 14  | 12  | 9969-45 | Lock nut M10 w/nylon A2        |
| 15  | 4   | 9962-05 | Screw M8x25mm, A2              |
| 16  | 4   | 9963-01 | Screw M10x25mm, A2             |
| 17  | 2   | 4512-12 | Disc for bottom plate          |
| 18  | 8   | 4512-11 | Sliding block, PA 6 black      |
| 19  | 1   | 6312-38 | Turnable plate w/block Dual, L |
| 20  | 1   | 6312-39 | Turnable plate w/block Dual, R |
| 21  | 1   | 6312-65 | Shutter 1side closing cpl.Dual |
| 22  | 1   | 6312-17 | Lochplate f/shutter M-Line     |
| 23  | 1   | 6312-53 | Shutter kit Dual, left         |
| 24  | 1   | 6312-54 | Shutter kit Dual, right        |
| 25  | 6   | 4412-20 | Sliding plate, big             |
| 26  | 4   | 4412-21 | Sliding plate, small           |
| 27  | 1   | 4012-11 | Washer                         |
| 28  | 1   | 6312-19 | Shutter SC L cpl.              |
| 29  | 1   | 6312-20 | Shutter SC R cpl.              |
| 30  | 4   | 4511-06 | Safety lock                    |
| 31  | 8   | 6313-10 | Plastic hinge f/screen M-line  |
| 32  | 8   | 6313-11 | Hinge for screen               |
| 33  | 4   | 6313-12 | Stop for hinge, screen         |
| 34  | 8   | 9962-19 | Screw M8x12mm, A2              |
| 35  | 2   | 9990-38 | Plastic handle dia.6,5mm,c=94m |
| 36  | 2   | 6313-02 | Screen M-line                  |
| 37  | 2   | 4016-05 | Relief cone M-line-EX-E-CII    |
| 38  | 2   | 6310-03 | Edge band 2225mm M-Line yellow |
| 39  | 2   | 6210-13 | Tightening M35(W)/M2(W), black |
| 40  | 1   | 9962-03 | Screw M8x16mm, A2              |
| 41  | 2   | 6313-30 | Screen lock cpl, M-line        |
| 42  | 1   | 9962-26 | Button head M8x16mm, A2        |
| 43  | 1   | 9961-20 | Button head M6x12mm, A2        |
| 44  | 4   | 9961-21 | Button head M6x16mm, A2        |
| 45  | 4   | 9930-30 | Washer 8x30x1.5mm A2           |
| 46  | 2   | 6312-31 | Connecting rod                 |
| 47  | 2   | 9961-04 | Screw M6x16mm, A2              |
| 48  | 2   | 9969-15 | Nut M6, A2                     |
| 49  | 2   | 6312-30 | Dynamic shutter clip kit       |



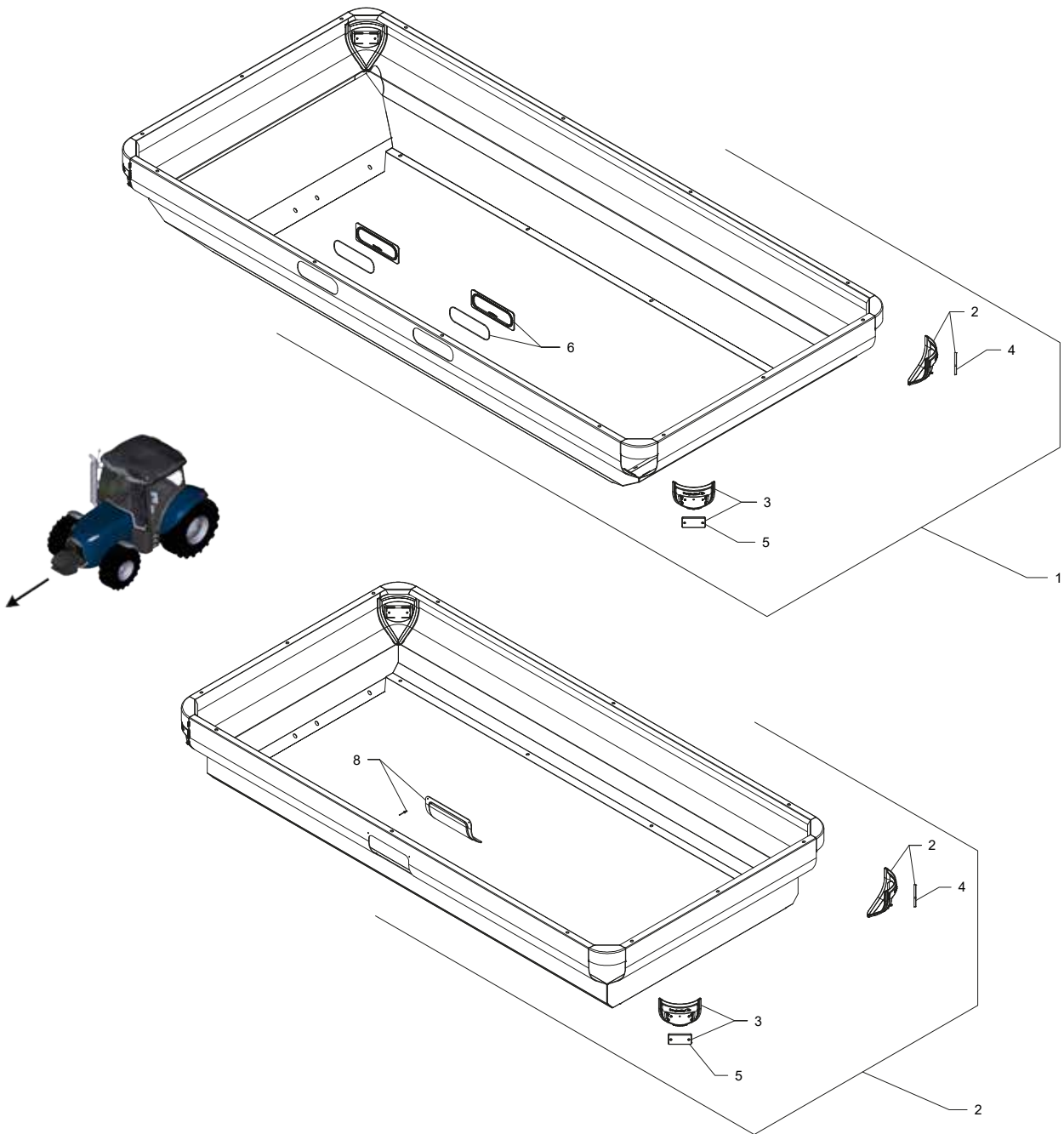
## Hopper



# Hopper

| Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|
| 1   | 1   | 6311-15 | Hopper 1800L plus M-line       |
| 2   | 2   | 6311-30 | Plastic corner/red reflector   |
| 3   | 2   | 6311-31 | Plastic corner/white reflector |
| 4   | 2   | 9943-32 | Reflector red, plasticcorner   |
| 5   | 2   | 9943-33 | Reflector white, plasticcorner |
| 6   | 2   | 6311-32 | Pane w/sealing                 |
| 7   | 2   | 6411-01 | Support for hopper             |
| 8   | 4   | 9962-05 | Screw M8x25mm, A2              |
| 9   | 8   | 9930-31 | Washer 8,4x24x2mm, A2          |
| 10  | 8   | 9969-32 | Lock nut M8 w/nylon A2         |
| 11  | 8   | 9930-32 | Washer 8,4x16x1,6mm, A2        |
| 12  | 4   | 9962-15 | Screw M8x30mm, A2              |
| 13  | 2   | 6411-02 | Tightening tape f/support      |

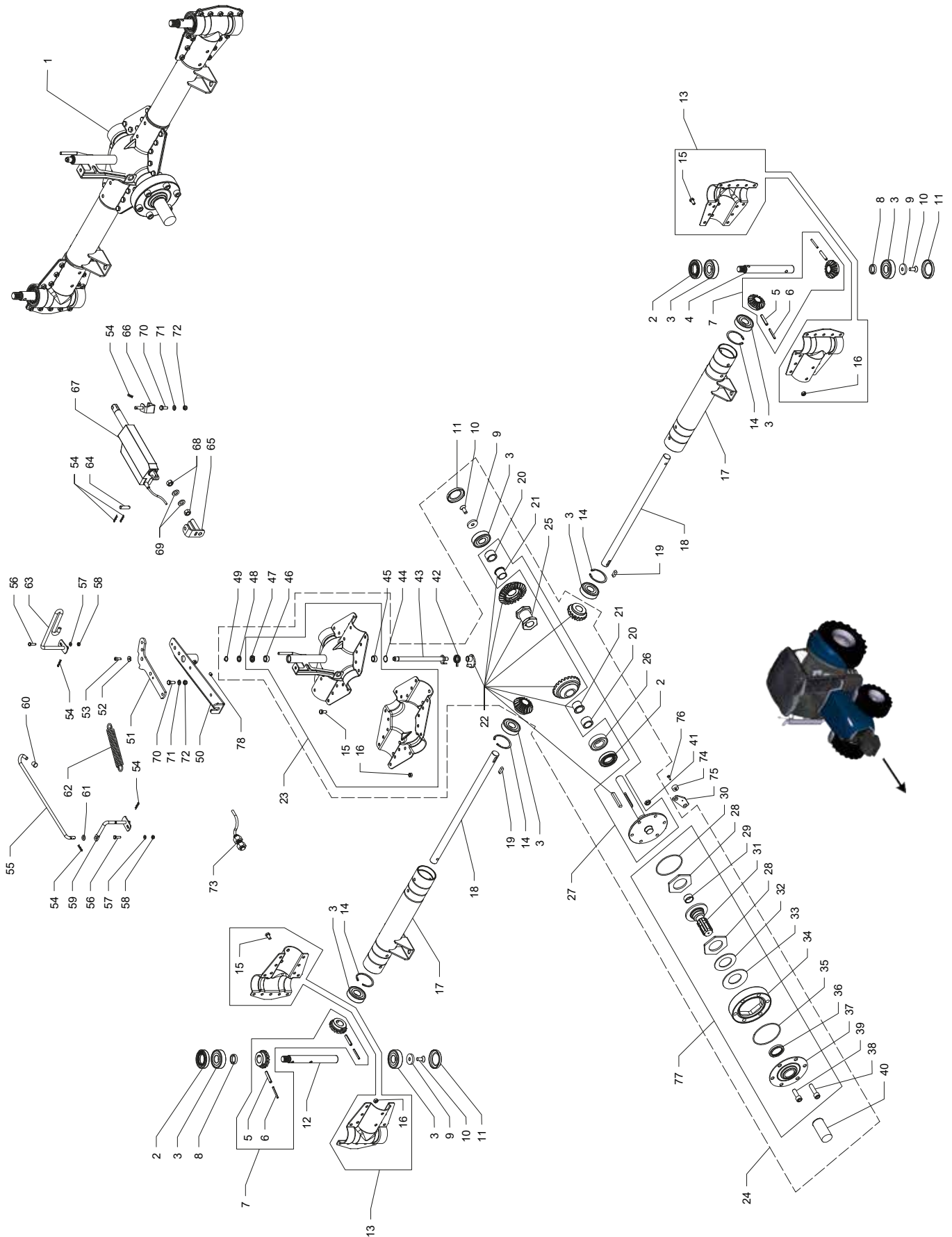
# Hopper



## Hopper

| Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|
| 1   | 1   | 6311-15 | Hopper 1800L plus M-line       |
| 2   | 1   | 6211-25 | Hopper 1250L base M-line       |
| 2   | 2   | 6311-30 | Plastic corner/red reflector   |
| 3   | 2   | 6311-31 | Plastic corner/white reflector |
| 4   | 2   | 9943-32 | Reflector red, plasticcorner   |
| 5   | 2   | 9943-33 | Reflector white, plasticcorner |
| 6   | 2   | 6311-32 | Pane w/sealing                 |
| 8   | 1   | 6211-17 | Pane w/pins M-base             |

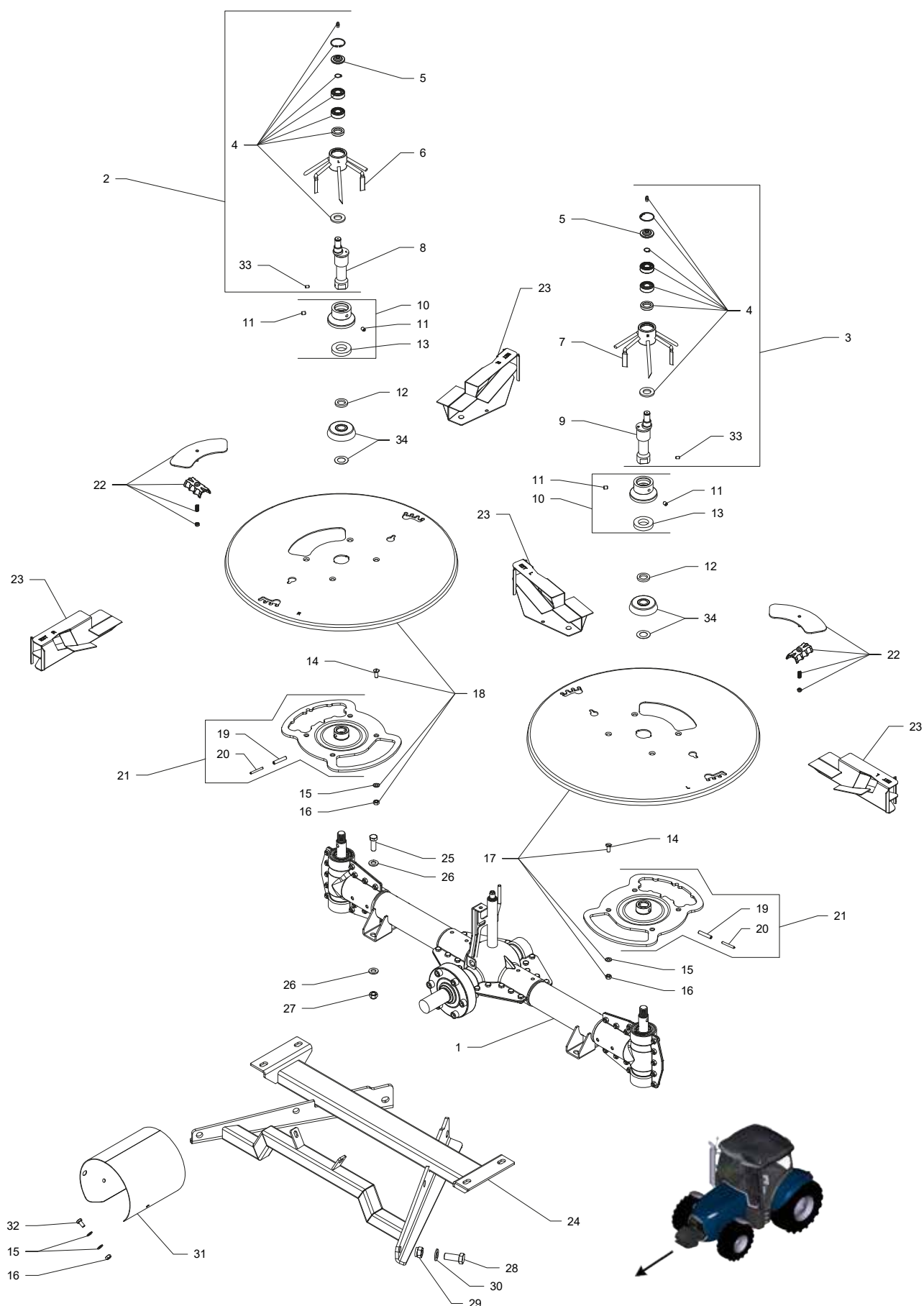
# Transmission



# Transmission

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|-----|-----|---------|--------------------------------|
| 1   | 1   | 4750-02 | Transmission M-line-EX Trend   | 51  | 1   | 4653-15 | Shift arm f/Trend              |
| 2   | 3   | 9936-37 | Tightening ring 35x62x12mm,NBR | 52  | 1   | 9930-07 | Washer 6,4x17x3mm, A2          |
| 3   | 9   | 9950-02 | Ball bearing 6305-2RS          | 53  | 1   | 9961-24 | Screw M6x16, A2 kl.70          |
| 4   | 1   | 4155-04 | Exit shaft with right thread   | 54  | 6   | 9934-31 | Lock spring 1,75/94mm          |
| 5   | 4   | 9933-12 | Tension pin 8x45mm             | 55  | 1   | 6350-11 | Pull rod M-line                |
| 6   | 4   | 9933-17 | Tension pin 5x45mm             | 56  | 2   | 9961-12 | Screw M6x20mm, A2              |
| 7   | 2   | 3265-02 | Gear wheels w/pins             | 57  | 2   | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |
| 8   | 2   | 3262-05 | Spacer f/gear wheel            | 58  | 2   | 9969-16 | Lock nut M6 w/nylon A2         |
| 9   | 3   | 3260-04 | Washer                         | 59  | 1   | 6350-08 | Shift arm                      |
| 10  | 3   | 9963-07 | Countersunk screw M10x25       | 60  | 1   | 9990-26 | Rubberbutton, black DPU 080 01 |
| 11  | 3   | 3260-05 | Lid f/gear box                 | 61  | 1   | 9930-51 | Nylon washer 8,4x17x1,6mm      |
| 12  | 1   | 4062-05 | Exit shaft w/left thread       | 62  | 1   | 9934-07 | Spring 3,6x25x162mm, A2        |
| 13  | 2   | 4454-05 | Gear housing                   | 63  | 1   | 4690-05 | Arm for spring                 |
| 14  | 4   | 9937-40 | Locking ring I 60              | 64  | 1   | 4790-36 | Guide pin for actuator         |
| 15  | 46  | 9962-03 | Screw M8x16mm, A2              | 65  | 1   | 4790-43 | Fitting f/actuator,trend shift |
| 16  | 46  | 9969-31 | Nut M8, A2                     | 66  | 1   | 4790-47 | U-piece with pin               |
| 17  | 2   | 4557-02 | Bearing tube for M-line EXW EX | 67  | 1   | 9942-11 | Actuator ZURF-ICON to-border   |
| 18  | 2   | 4156-02 | Exit shaft M-line              | 68  | 2   | 9969-60 | Nut M12, A2                    |
| 19  | 2   | 9931-56 | Key 8x7x25mm, round            | 69  | 2   | 9930-35 | Washer 13x24x2,5mm, A2         |
| 20  | 2   | 4652-03 | Spacer                         | 70  | 2   | 9962-04 | Screw M8x20mm, A2              |
| 21  | 2   | 4652-08 | Bronze bushing                 | 71  | 2   | 9930-32 | Washer 8,4x16x1,6mm, A2        |
| 22  | 1   | 4652-11 | Set of gear wheels             | 72  | 2   | 9969-32 | Lock nut M8 w/nylon A2         |
| 23  | 1   | 4660-00 | Gear housing cpl. M-Trend-line | 73  | 1   | 9941-34 | Sensor f/Trend-transmission    |
| 24  | 1   | 4750-50 | Trend transmission repair set  | 74  | 1   | 9941-04 | Magnet f/sensor                |
| 25  | 1   | 4652-09 | Shift sleeve Trend             | 75  | 1   | 4790-38 | Fitting for magnet             |
| 26  | 1   | 9950-03 | Ball bearing 6206-2RS          | 76  | 1   | 9960-02 | Countersunk screw M4x16mm, A2  |
| 27  | 1   | 4652-01 | Drive shaft w/key and sleeve   | 77  | 1   | 3263-10 | Friction clutch cpl. M-L-line  |
| 28  | 2   | 3263-15 | Clutch part 6-edged NV 80      | 78  | 1   | 9913-19 | Socket set screw M8x10mm, A2   |
| 29  | 1   | 9990-90 | Bronze bearing 30x25x13mm      |     |     |         |                                |
| 30  | 1   | 9936-10 | O-ring 89,50x3mm, NBR 70       |     |     |         |                                |
| 31  | 1   | 3263-11 | 6-groove f/clutch              |     |     |         |                                |
| 32  | 1   | 3263-12 | Divide washer                  |     |     |         |                                |
| 33  | 1   | 9931-11 | Disc washer 90x46x3mm          |     |     |         |                                |
| 34  | 1   | 3263-20 | Disc lock for clutch           |     |     |         |                                |
| 35  | 1   | 9936-09 | O-ring 94x3mm, NBR 70          |     |     |         |                                |
| 36  | 1   | 9936-49 | Tightening ring 38x52x7mm, NBR |     |     |         |                                |
| 37  | 1   | 3263-13 | Front plate f/clutch           |     |     |         |                                |
| 38  | 2   | 9965-10 | Screw cyl.head M12x45mm, A2    |     |     |         |                                |
| 39  | 4   | 9965-09 | Screw cyl.head M12x35mm, A2    |     |     |         |                                |
| 40  | 1   | 9985-84 | PTO protection for 1 3/8"      |     |     |         |                                |
| 41  | 2   | 9928-99 | Counter nut M12, A2            |     |     |         |                                |
| 42  | 1   | 9934-02 | Torsion spring Trend Quadro    |     |     |         |                                |
| 43  | 1   | 4653-02 | Shaft for excentric            |     |     |         |                                |
| 44  | 1   | 9931-15 | Wave spring 21,8x14x0,3mm, K2  |     |     |         |                                |
| 45  | 1   | 9990-99 | Bronze bushing 14x20x10mm      |     |     |         |                                |
| 46  | 1   | 9987-21 | Sleeve IGUS MSM-1420-10        |     |     |         |                                |
| 47  | 1   | 9936-29 | Tightening ring 14x22x4mm, NBR |     |     |         |                                |
| 48  | 1   | 9936-28 | V-ring VS 14                   |     |     |         |                                |
| 49  | 1   | 9937-13 | Locking ring U 14, A2          |     |     |         |                                |
| 50  | 1   | 4655-05 | Support for cable              |     |     |         |                                |

# Spreading system

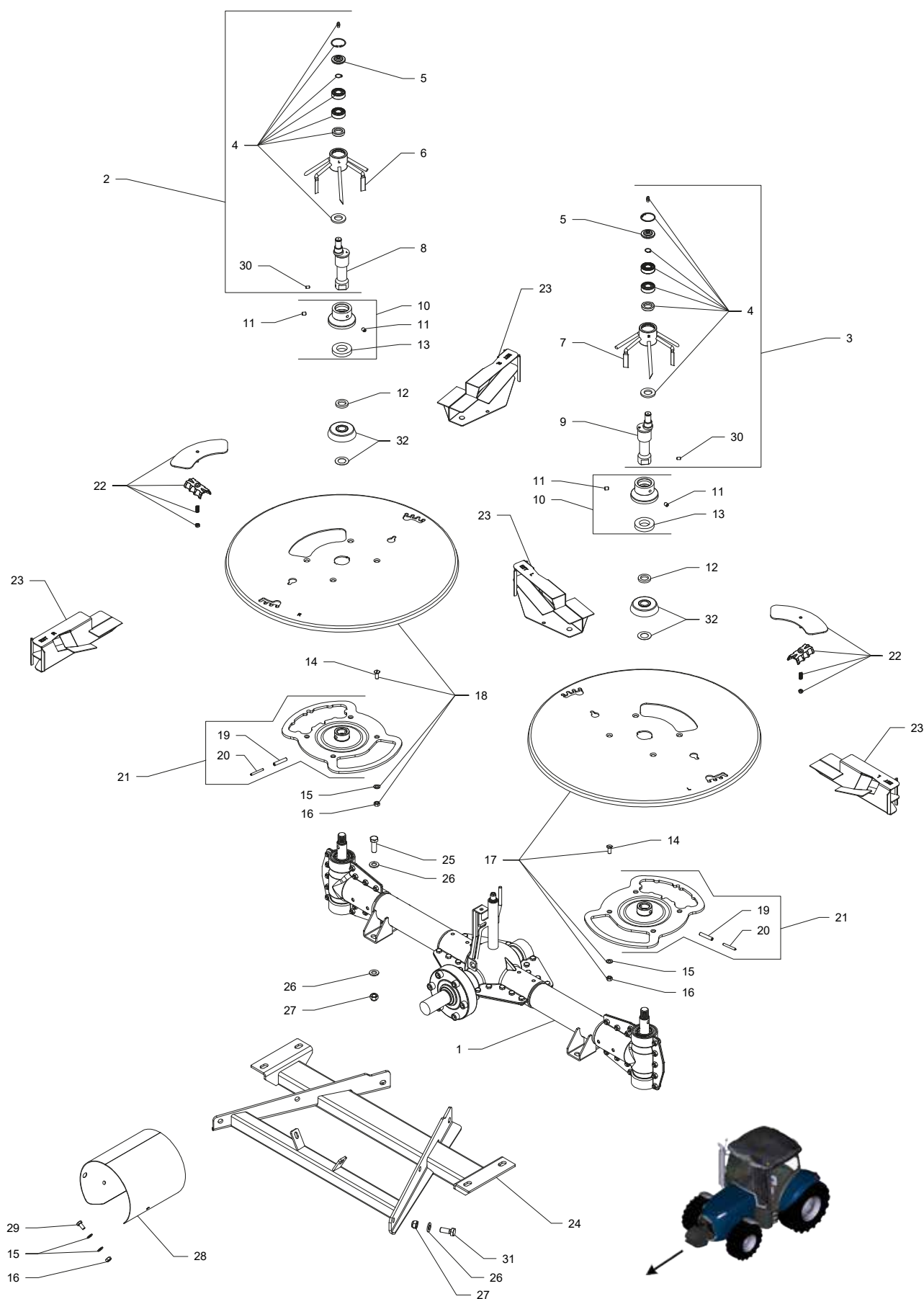


## Spreading system

| Pos | Qty | Part no | Notes                           |
|-----|-----|---------|---------------------------------|
| 1   | 1   | 4750-02 | Transmission M-line-EX Trend    |
| 2   | 1   | 6260-02 | Agitator cpl. R-side/L-thread   |
| 3   | 1   | 6260-01 | Agitator cpl. L-side/R-thread   |
| 4   | 2   | 6260-10 | Gasket set & bearing f/agitator |
| 5   | 2   | 4056-03 | Cover f/bearing housing         |
| 6   | 1   | 6262-06 | Agitator R-side/L               |
| 7   | 1   | 6262-05 | Agitator L-side/R               |
| 8   | 1   | 6261-01 | Shaft/agitator R-side/L-thread  |
| 9   | 1   | 6261-02 | Shaft/agitator L-side/R-thread  |
| 10  | 2   | 4158-05 | Hub f/agitator                  |
| 11  | 4   | 9913-19 | Socket set screw M8x10mm, A2    |
| 12  | 2   | 4560-01 | Washer for agitator             |
| 13  | 2   | 4158-10 | Tightening for agitator         |
| 14  | 8   | 9929-35 | Countersunk screw M8x20mm, A2   |
| 15  | 12  | 9930-32 | Washer 8,4x16x1,6mm, A2         |
| 16  | 10  | 9969-31 | Nut M8, A2                      |
| 17  | 1   | 6250-45 | Spread disc (L) Dual M-line     |
| 18  | 1   | 6250-46 | Spread disc (R) Dual M-line     |
| 19  | 2   | 9933-02 | Tension pin 8x40mm              |
| 20  | 2   | 9933-11 | Tension pin 5x40mm              |
| 21  | 2   | 6251-40 | Hub w/tension pin, Dual         |
| 22  | 2   | 6250-55 | Lid w/lock                      |
| 23  | 1   | 4650-12 | Vanes E1-T 12-18m               |
| 23  | 1   | 4650-20 | Vanes E2-T 20-24m               |
| 23  | 1   | 4650-28 | Vanes E6-T 28-36m               |
| 23  | 1   | 4650-36 | Vanes E8-T 40-42m               |
| 24  | 1   | 6430-01 | Fixture f/transmission M60W/M6W |
| 25  | 4   | 9965-01 | Screw M12x35mm, A2              |
| 26  | 14  | 9930-35 | Washer 13x24x2,5mm, A2          |
| 27  | 10  | 9969-62 | Lock nut M12 w/nylon A4         |
| 28  | 6   | 9964-72 | Screw M16x40mm, A2              |
| 29  | 6   | 9969-84 | Lock nut M16 w/nylon A2         |
| 30  | 6   | 9930-20 | Washer 17x30x3mm, A2            |
| 31  | 1   | 4470-01 | Guard for safety clutch         |
| 32  | 2   | 9962-03 | Screw M8x16mm, A2               |
| 33  | 2   | 9961-02 | Socket set screw M6x10mm, A2    |
| 34  | 2   | 6251-46 | Sealing bowl with seal          |



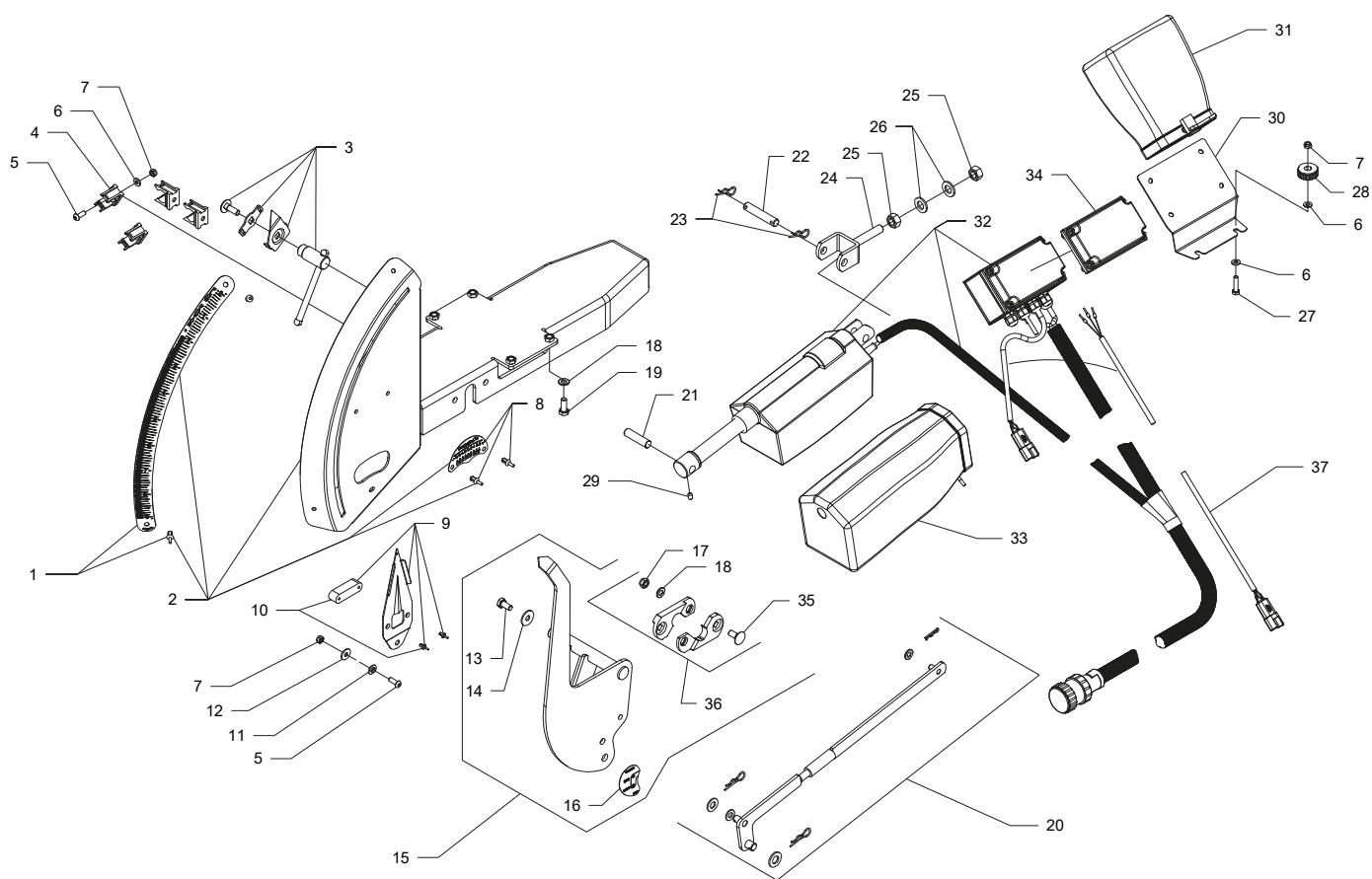
## Spreading system



## Spreading system

| Pos | Qty | Part no | Notes                           |
|-----|-----|---------|---------------------------------|
| 1   | 1   | 4750-02 | Transmission M-line-EX Trend    |
| 2   | 1   | 6260-02 | Agitator cpl. R-side/L-thread   |
| 3   | 1   | 6260-01 | Agitator cpl. L-side/R-thread   |
| 4   | 2   | 6260-10 | Gasket set & bearing f/agitator |
| 5   | 2   | 4056-03 | Cover f/bearing housing         |
| 6   | 1   | 6262-06 | Agitator R-side/L               |
| 7   | 1   | 6262-05 | Agitator L-side/R               |
| 8   | 1   | 6261-01 | Shaft/agitator R-side/L-thread  |
| 9   | 1   | 6261-02 | Shaft/agitator L-side/R-thread  |
| 10  | 2   | 4158-05 | Hub f/agitator                  |
| 11  | 4   | 9913-19 | Socket set screw M8x10mm, A2    |
| 12  | 2   | 4560-01 | Washer for agitator             |
| 13  | 2   | 4158-10 | Tightening for agitator         |
| 14  | 8   | 9929-35 | Countersunk screw M8x20mm, A2   |
| 15  | 12  | 9930-32 | Washer 8,4x16x1,6mm, A2         |
| 16  | 10  | 9969-31 | Nut M8, A2                      |
| 17  | 1   | 6250-45 | Spread disc (L) Dual M-line     |
| 18  | 1   | 6250-46 | Spread disc (R) Dual M-line     |
| 19  | 2   | 9933-02 | Tension pin 8x40mm              |
| 20  | 2   | 9933-11 | Tension pin 5x40mm              |
| 21  | 2   | 6251-40 | Hub w/tension pin, Dual         |
| 22  | 2   | 6250-55 | Lid w/lock                      |
| 23  | 1   | 4650-12 | Vanes E1-T 12-18m               |
| 23  | 1   | 4650-20 | Vanes E2-T 20-24m               |
| 23  | 1   | 4650-28 | Vanes E6-T 28-36m               |
| 23  | 1   | 4650-36 | Vanes E8-T 40-42m               |
| 24  | 1   | 6330-01 | Fixture f/transmission          |
| 25  | 4   | 9965-01 | Screw M12x35mm, A2              |
| 26  | 14  | 9930-35 | Washer 13x24x2,5mm, A2          |
| 27  | 10  | 9969-62 | Lock nut M12 w/nylon A4         |
| 28  | 1   | 4470-01 | Guard for safety clutch         |
| 29  | 2   | 9962-03 | Screw M8x16mm, A2               |
| 30  | 2   | 9961-02 | Socket set screw M6x10mm, A2    |
| 31  | 6   | 9965-03 | Screw M12x30mm, A2              |
| 32  | 2   | 6251-46 | Sealing bowl with seal          |

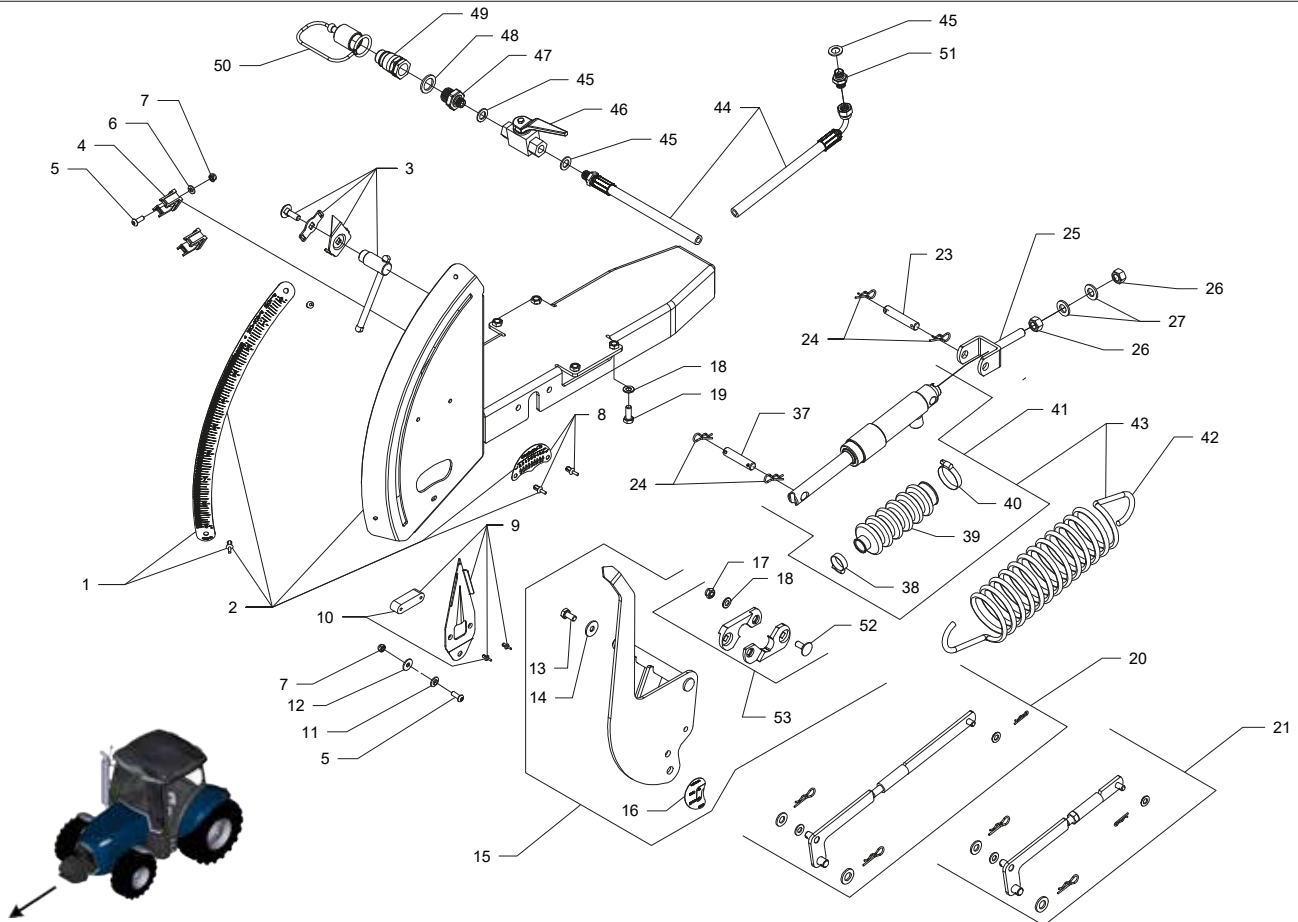
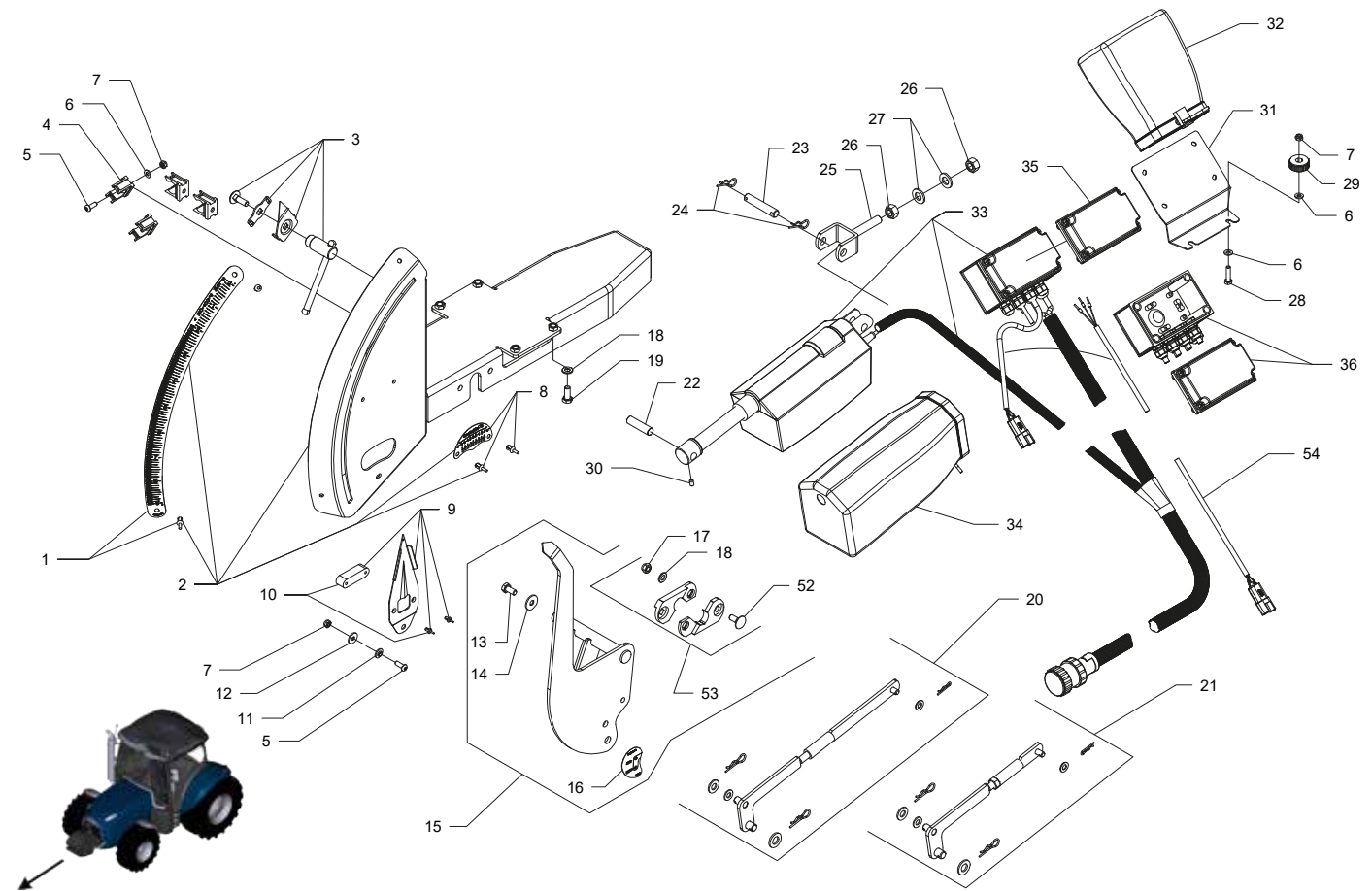
# Regulation system



## Regulation system

| Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|
| 1   | 1   | 6381-03 | Scale w/rivet M-line           |
| 2   | 1   | 6381-04 | Scale console M-line           |
| 3   | 1   | 6381-13 | Indicator f/scale cpl.         |
| 4   | 4   | 9989-85 | Wire holder type BFH 16.100    |
| 5   | 5   | 9961-21 | Button head M6x16mm, A2        |
| 6   | 8   | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |
| 7   | 7   | 9969-16 | Lock nut M6 w/nylon A2         |
| 8   | 1   | 6381-18 | Scale for degree               |
| 9   | 1   | 6381-16 | Degree pointer with level      |
| 10  | 1   | 6381-17 | Level with rivet               |
| 11  | 1   | 9930-53 | Nylon washer 7,9x15x3,5x1,5    |
| 12  | 1   | 9930-03 | Washer 6,4x18x1,6mm, A2        |
| 13  | 1   | 9962-03 | Screw M8x16mm, A2              |
| 14  | 1   | 9930-31 | Washer 8,4x24x2mm, A2          |
| 15  | 1   | 6381-09 | Pointer w/bearing & transfers  |
| 16  | 1   | 9993-54 | Stickers, STD / MAX+           |
| 17  | 2   | 9969-32 | Lock nut M8 w/nylon A2         |
| 18  | 7   | 9930-32 | Washer 8,4x16x1,6mm, A2        |
| 19  | 4   | 9962-04 | Screw M8x20mm, A2              |
| 20  | 1   | 6481-05 | Connecting rod M60W/M6W        |
| 21  | 1   | 4584-08 | Guide pin for actuator         |
| 22  | 1   | 4581-28 | Split bolt f/cylinder/actuator |
| 23  | 6   | 9934-32 | Lock spring 2mm, A2            |
| 24  | 1   | 4581-25 | Fork w/thread                  |
| 25  | 2   | 9969-60 | Nut M12, A2                    |
| 26  | 3   | 9930-35 | Washer 13x24x2,5mm, A2         |
| 27  | 2   | 9961-14 | Screw M6x25mm, A2              |
| 28  | 2   | 9990-43 | Handwheel dia. 31 for M6 nut   |
| 29  | 1   | 9961-02 | Socket set screw M6x10mm, A2   |
| 30  | 1   | 6384-29 | Fitting for box                |
| 31  | 1   | 4584-26 | Tarpauling for box             |
| 32  | 1   | 6384-26 | Actuator w/wire & Dynamic plug |
| 33  | 1   | 4584-25 | Tarpauling for actuator LA32   |
| 34  | 1   | 6386-26 | Intelligent control            |
| 35  | 2   | 9962-25 | Carriage bolt M8x20mm, A2      |
| 36  | 1   | 6381-45 | Plactic bearing f/pointer      |
| 37  | 1   | 6384-27 | Dynamic plug w/wire            |

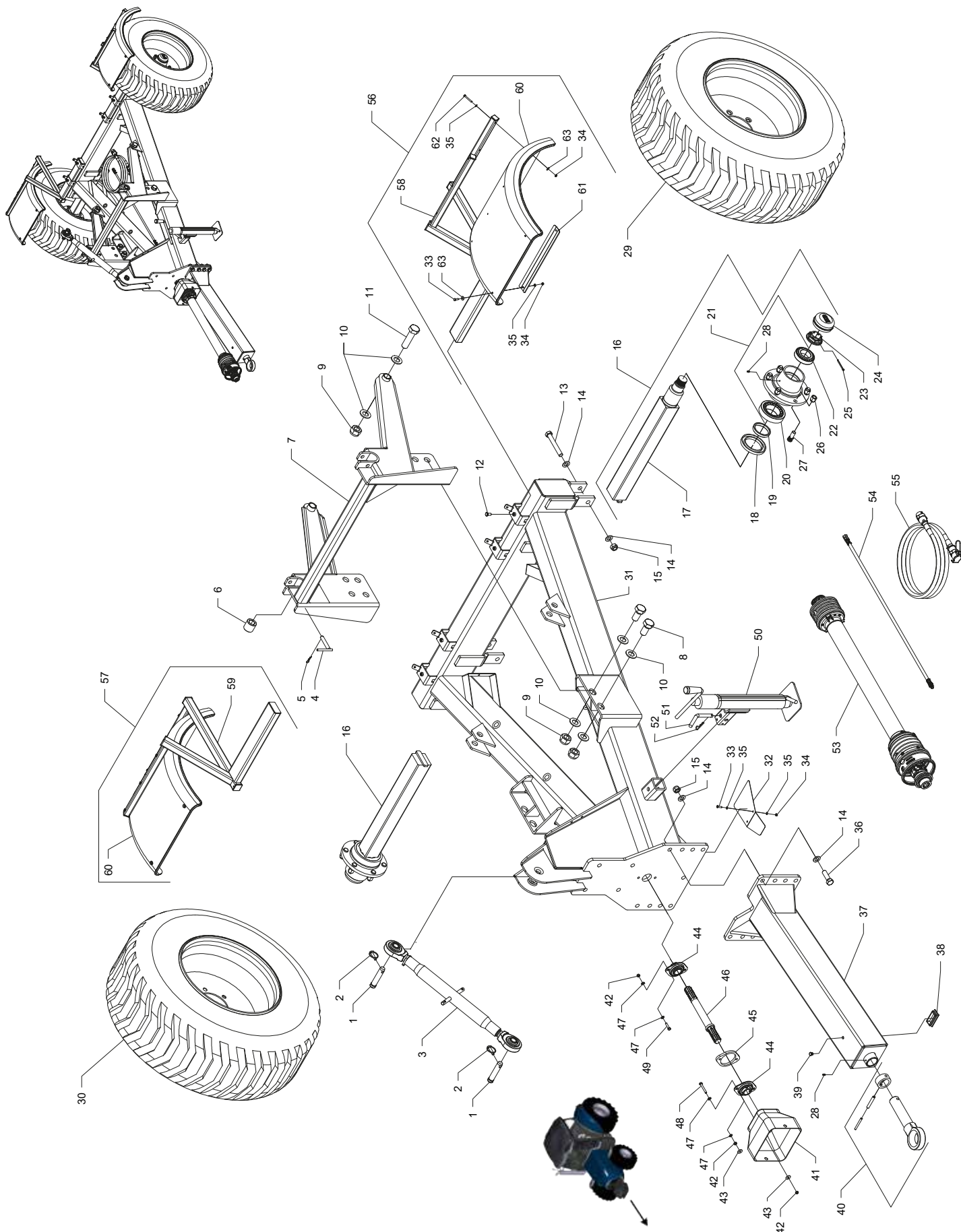
# Regulation system



## Regulation system

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                     |
|-----|-----|---------|--------------------------------|-----|-----|---------|---------------------------|
| 1   | 1   | 6381-03 | Scale w/rivet M-line           | 51  | 1   | 9990-78 | Nipple 1/4" BSP           |
| 2   | 1   | 6381-04 | Scale console M-line           | 52  | 2   | 9962-25 | Carriage bolt M8x20mm, A2 |
| 3   | 1   | 6381-13 | Indicator f/scale cpl.         | 53  | 1   | 6381-45 | Plactic bearing f/pointer |
| 4   | 4   | 9989-85 | Wire holder type BFH 16.100    | 54  | 1   | 6384-27 | Dynamic plug w/wire       |
| 5   | 5   | 9961-21 | Button head M6x16mm, A2        |     |     |         |                           |
| 6   | 8   | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |     |     |         |                           |
| 7   | 7   | 9969-16 | Lock nut M6 w/nylon A2         |     |     |         |                           |
| 8   | 1   | 6381-18 | Scale for degree               |     |     |         |                           |
| 9   | 1   | 6381-16 | Degree pointer with level      |     |     |         |                           |
| 10  | 1   | 6381-17 | Level with rivet               |     |     |         |                           |
| 11  | 1   | 9930-53 | Nylon washer 7,9x15x3,5x1,5    |     |     |         |                           |
| 12  | 1   | 9930-03 | Washer 6,4x18x1,6mm, A2        |     |     |         |                           |
| 13  | 1   | 9962-03 | Screw M8x16mm, A2              |     |     |         |                           |
| 14  | 1   | 9930-31 | Washer 8,4x24x2mm, A2          |     |     |         |                           |
| 15  | 1   | 6381-09 | Pointer w/bearing & transfers  |     |     |         |                           |
| 16  | 1   | 9993-54 | Stickers, STD / MAX+           |     |     |         |                           |
| 17  | 2   | 9969-32 | Lock nut M8 w/nylon A2         |     |     |         |                           |
| 18  | 8   | 9930-32 | Washer 8,4x16x1,6mm, A2        |     |     |         |                           |
| 19  | 4   | 9962-04 | Screw M8x20mm, A2              |     |     |         |                           |
| 20  | 1   | 6384-19 | Connection arm M2/3/35/45-W    |     |     |         |                           |
| 21  | 1   | 6381-19 | Connection arm M2/3/35/45      |     |     |         |                           |
| 22  | 1   | 4584-08 | Guide pin for actuator         |     |     |         |                           |
| 23  | 1   | 4581-28 | Split bolt f/cylinder/actuator |     |     |         |                           |
| 24  | 8   | 9934-32 | Lock spring 2mm, A2            |     |     |         |                           |
| 25  | 1   | 4581-25 | Fork w/thread                  |     |     |         |                           |
| 26  | 2   | 9969-60 | Nut M12, A2                    |     |     |         |                           |
| 27  | 4   | 9930-35 | Washer 13x24x2,5mm, A2         |     |     |         |                           |
| 28  | 2   | 9961-14 | Screw M6x25mm, A2              |     |     |         |                           |
| 29  | 2   | 9990-43 | Handwheel dia. 31 for M6 nut   |     |     |         |                           |
| 30  | 1   | 9961-02 | Socket set screw M6x10mm, A2   |     |     |         |                           |
| 31  | 1   | 6384-29 | Fitting for box                |     |     |         |                           |
| 32  | 1   | 4584-26 | Tarpauling for box             |     |     |         |                           |
| 33  | 1   | 6384-26 | Actuator w/wire & Dynamic plug |     |     |         |                           |
| 34  | 1   | 4584-25 | Tarpauling for actuator LA32   |     |     |         |                           |
| 35  | 1   | 6386-26 | Intelligent control            |     |     |         |                           |
| 36  | 1   | 4920-50 | Junction box                   |     |     |         |                           |
| 37  | 1   | 4581-29 | Split bolt for cylinder        |     |     |         |                           |
| 38  | 1   | 9990-60 | Hose clamp stainless MAH 10    |     |     |         |                           |
| 39  | 1   | 9987-04 | Bellows black                  |     |     |         |                           |
| 40  | 1   | 9990-61 | Hose clamp stainless MAH 20    |     |     |         |                           |
| 41  | 1   | 4581-15 | Cylinder cpl.                  |     |     |         |                           |
| 42  | 1   | 9934-14 | Spring 7,5x65x216mm galv.      |     |     |         |                           |
| 43  | 1   | 4581-37 | Cylinder cpl. w/spring         |     |     |         |                           |
| 44  | 1   | 9983-29 | Hydr. hose 1/4" L1950mm        |     |     |         |                           |
| 45  | 3   | 9936-79 | Bonded seals gasket 1/4"       |     |     |         |                           |
| 46  | 1   | 9982-06 | Ball valve 1/4"                |     |     |         |                           |
| 47  | 1   | 9990-84 | Nipple 1/2"x1/4" BSP 0.8 Bore  |     |     |         |                           |
| 48  | 1   | 9936-80 | Bonded seals gasket 1/2"       |     |     |         |                           |
| 49  | 1   | 9983-09 | Quick coupling 1/2", male      |     |     |         |                           |
| 50  | 1   | 9990-19 | Cover for coupling 1/2"        |     |     |         |                           |

## M45-Trail



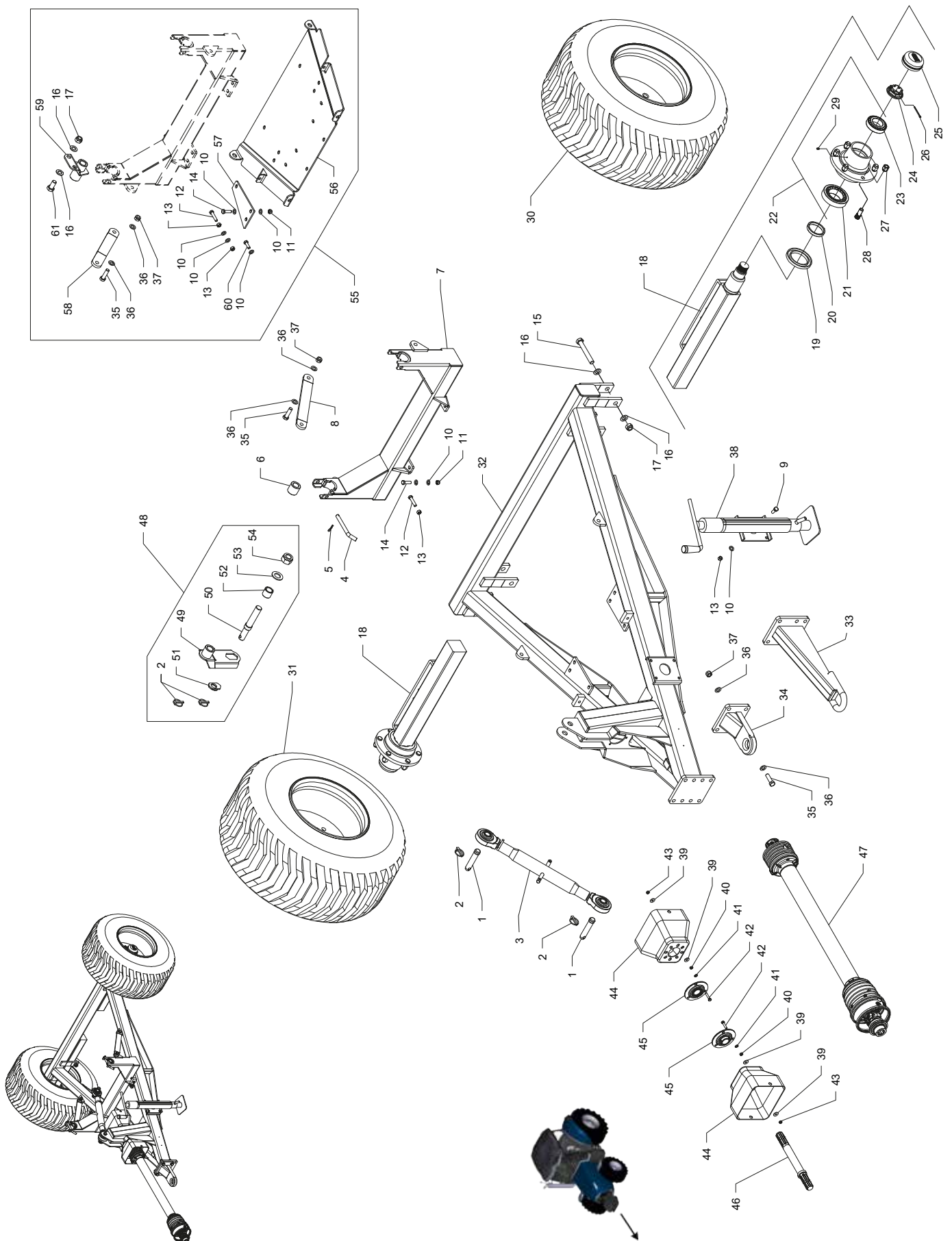


## M45-Trail

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|-----|-----|---------|--------------------------------|
| 1   | 2   | 6320-04 | Top link Pin, dia. 25x97mm     | 51  | 2   | 9524-05 | Split bolt for fork            |
| 2   | 2   | 9938-74 | Linch Pin 10x45mm              | 52  | 2   | 9934-34 | Lock spring 3mm                |
| 3   | 1   | 9981-80 | Top bar cat2/2 (76-104cm)      | 53  | 1   | 9985-41 | PTO1010mm w/wide angle M-Trail |
| 4   | 2   | 1830-65 | Split bolt                     | 54  | 1   | 9983-30 | Hydr. hose 1/4"x1000mm         |
| 5   | 2   | 9934-32 | Lock spring 2mm, A2            | 55  | 1   | 6930-21 | Extension cord rear lights     |
| 6   | 2   | 1830-64 | Bushing for link pin           | 56  | 1   | 1834-03 | Guard with bracket, L          |
| 7   | 1   | 1830-70 | Support f/M-Trail,M3(W)-M45(W) | 57  | 1   | 1834-04 | Guard with bracket, R          |
| 8   | 4   | 9967-76 | Steel bolt M30x60mm, FZV       | 58  | 1   | 1834-05 | Bracket for guard, L           |
| 9   | 6   | 9969-98 | Lock nut M30 w/nylon A2        | 59  | 1   | 1834-06 | Bracket for guard, R           |
| 10  | 12  | 9930-63 | Washer 31x56x4mm, A2           | 60  | 2   | 1834-11 | Guard                          |
| 11  | 2   | 9967-75 | Steel bolt M30x110mm, FZV      | 61  | 2   | 1834-12 | Support for guard              |
| 12  | 4   | 9963-10 | Screw M10x20mm, A2             | 62  | 12  | 9960-08 | Bolt M6x45mm, A2               |
| 13  | 4   | 9967-50 | Steel bolt M20x140mm, FZV      | 63  | 16  | 9930-03 | Washer 6,4x18x1,6mm, A2        |
| 14  | 25  | 9930-40 | Washer 21x37x3mm, A2           |     |     |         |                                |
| 15  | 12  | 9969-94 | Lock nut M20 w/nylon A2        |     |     |         |                                |
| 16  | 2   | 1831-15 | Hub on shaft M3/M45-Trail      |     |     |         |                                |
| 17  | 2   | 9983-92 | Shaft Q80x640                  |     |     |         |                                |
| 18  | 2   | 9983-93 | Tightening ring dia. 90/130    |     |     |         |                                |
| 19  | 2   | 9983-94 | Shoulder ring                  |     |     |         |                                |
| 20  | 2   | 9950-14 | Roller bearing SKF 32215       |     |     |         |                                |
| 21  | 2   | 9983-91 | Hub housing w/bearing & bolts  |     |     |         |                                |
| 22  | 2   | 9950-13 | Roller bearing SKF 32211       |     |     |         |                                |
| 23  | 2   | 9983-96 | Crown nut with flange          |     |     |         |                                |
| 24  | 2   | 9983-95 | Hub cap dia. 100mm             |     |     |         |                                |
| 25  | 2   | 9984-26 | Split pin 5x50mm               |     |     |         |                                |
| 26  | 12  | 9984-14 | Hub nut M18x1,5mm              |     |     |         |                                |
| 27  | 12  | 9984-17 | Hub bolt M18x50mm              |     |     |         |                                |
| 28  | 3   | 9935-10 | Lubricator nipple M6x1mm       |     |     |         |                                |
| 29  | 1   | 9980-30 | Wheel 400/55-22,5,6 holes,left |     |     |         |                                |
| 30  | 1   | 9980-31 | Wheel 400/55-22,5,6holes,right |     |     |         |                                |
| 31  | 1   | 1830-15 | Frame M3/M45-Trail             |     |     |         |                                |
| 32  | 1   | 1830-49 | Plate for shield               |     |     |         |                                |
| 33  | 6   | 9961-12 | Screw M6x20mm, A2              |     |     |         |                                |
| 34  | 18  | 9969-16 | Lock nut M6 w/nylon A2         |     |     |         |                                |
| 35  | 20  | 9930-02 | Washer 6,2x12,5x1,6mm, A2      |     |     |         |                                |
| 36  | 9   | 9967-51 | Screw M20x65mm, A2             |     |     |         |                                |
| 37  | 1   | 1830-91 | Drawbar M3/M45-Trail           |     |     |         |                                |
| 38  | 1   | 9990-16 | Cover for tube 80x40x4mm       |     |     |         |                                |
| 39  | 1   | 9990-49 | Cover DPD 16                   |     |     |         |                                |
| 40  | 1   | 9981-51 | Drawbar, 8 T, dia.50mm hole    |     |     |         |                                |
| 41  | 1   | 9987-01 | Protection guard               |     |     |         |                                |
| 42  | 6   | 9969-32 | Lock nut M8 w/nylon A2         |     |     |         |                                |
| 43  | 4   | 9930-31 | Washer 8,4x24x2mm, A2          |     |     |         |                                |
| 44  | 2   | 9950-48 | Ball bearing YAR 207-2RF       |     |     |         |                                |
| 45  | 1   | 1830-53 | Spacer                         |     |     |         |                                |
| 46  | 1   | 1811-71 | Splined shaft cpl.             |     |     |         |                                |
| 47  | 8   | 9930-32 | Washer 8,4x16x1,6mm, A2        |     |     |         |                                |
| 48  | 2   | 9962-22 | Set screw M8x60mm, A2          |     |     |         |                                |
| 49  | 2   | 9962-21 | Set screw M8x35mm, A2          |     |     |         |                                |
| 50  | 1   | 1830-55 | Supporter for trail            |     |     |         |                                |



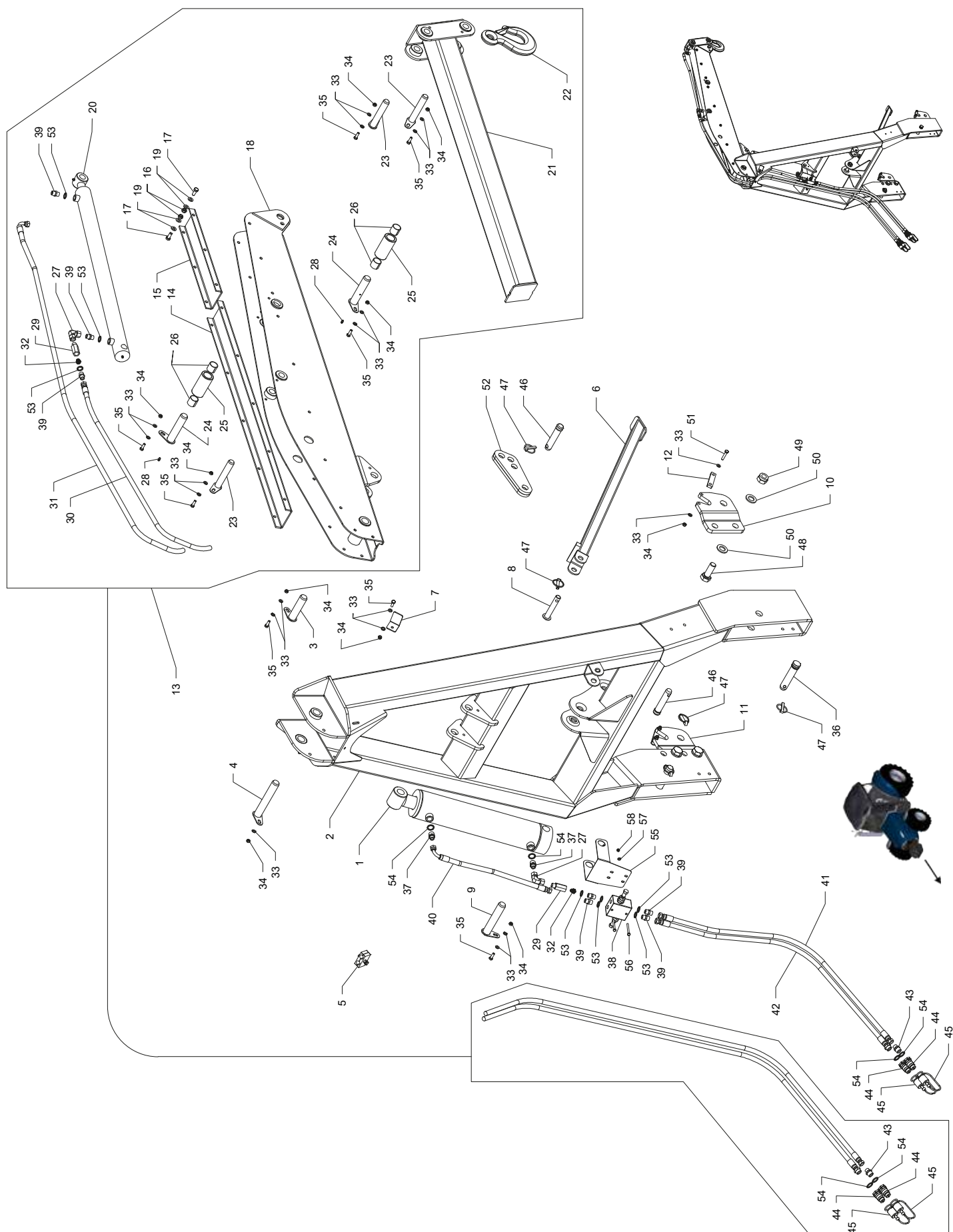
## M35-Trail / L2-Trail



## M35-Trail / L2-Trail

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                    |
|-----|-----|---------|--------------------------------|-----|-----|---------|--------------------------|
| 1   | 2   | 6320-04 | Top link Pin, dia. 25x97mm     | 51  | 1   | 6981-72 | Excentric plate          |
| 2   | 4   | 9938-74 | Linch Pin 10x45mm              | 52  | 1   | 6981-76 | Sleeve                   |
| 3   | 1   | 1811-55 | Tap bar Trail-carriage         | 53  | 1   | 9930-63 | Washer 31x56x4mm, A2     |
| 4   | 2   | 1810-84 | Split bolt f/support           | 54  | 1   | 9969-98 | Lock nut M30 w/nylon A2  |
| 5   | 2   | 9934-32 | Lock spring 2mm, A2            | 55  | 1   | 1812-01 | Carry kit f. S3/M2-Trail |
| 6   | 2   | 1830-64 | Bushing for link pin           | 56  | 1   | 1812-03 | Support plate S3         |
| 7   | 2   | 1810-90 | Support M2(W)-M35(W)           | 57  | 2   | 1812-04 | Clamping plate f/support |
| 8   | 2   | 1810-96 | Brace for support M/L-line     | 58  | 2   | 1812-09 | Brace for support S3     |
| 9   | 4   | 9965-03 | Screw M12x30mm, A2             | 59  | 2   | 1812-05 | Adapter for link pin     |
| 10  | 34  | 9930-35 | Washer 13x24x2,5mm, A2         | 60  | 2   | 9965-01 | Screw M12x35mm, A2       |
| 11  | 12  | 9969-62 | Lock nut M12 w/nylon A4        | 61  | 2   | 9965-00 | Screw M20x40mm, kl.80 A4 |
| 12  | 4   | 9965-06 | Screw M12x55mm, A2             |     |     |         |                          |
| 13  | 10  | 9969-60 | Nut M12, A2                    |     |     |         |                          |
| 14  | 12  | 9965-05 | Screw M12x40mm, A2             |     |     |         |                          |
| 15  | 4   | 9967-50 | Steel bolt M20x140mm, FZV      |     |     |         |                          |
| 16  | 12  | 9930-40 | Washer 21x37x3mm, A2           |     |     |         |                          |
| 17  | 6   | 9969-94 | Lock nut M20 w/nylon A2        |     |     |         |                          |
| 18  | 2   | 1810-03 | Adjustable hub/L2-M2-M35-Trail |     |     |         |                          |
| 19  | 1   | 9983-93 | Tightening ring dia. 90/130    |     |     |         |                          |
| 20  | 1   | 9983-94 | Shoulder ring                  |     |     |         |                          |
| 21  | 1   | 9950-14 | Roller bearing SKF 32215       |     |     |         |                          |
| 22  | 1   | 9983-91 | Hub housing w/bearing & bolts  |     |     |         |                          |
| 23  | 1   | 9950-13 | Roller bearing SKF 32211       |     |     |         |                          |
| 24  | 1   | 9983-96 | Crown nut with flange          |     |     |         |                          |
| 25  | 1   | 9983-95 | Hub cap dia. 100mm             |     |     |         |                          |
| 26  | 1   | 9984-26 | Split pin 5x50mm               |     |     |         |                          |
| 27  | 7   | 9984-14 | Hub nut M18x1,5mm              |     |     |         |                          |
| 28  | 7   | 9984-17 | Hub bolt M18x50mm              |     |     |         |                          |
| 29  | 1   | 9935-10 | Lubricator nipple M6x1mm       |     |     |         |                          |
| 30  | 1   | 9980-28 | Wheel cpl.400/60x15,5/14,left  |     |     |         |                          |
| 31  | 1   | 9980-29 | Wheel cpl.400/60x15,5/14,right |     |     |         |                          |
| 32  | 1   | 1810-19 | Frame f/M-Trail carriage       |     |     |         |                          |
| 33  | 1   | 1811-75 | Extension drawbar eye          |     |     |         |                          |
| 34  | 1   | 1811-51 | Drawbar eye                    |     |     |         |                          |
| 35  | 12  | 9960-91 | Bolt M16x55mm, A2              |     |     |         |                          |
| 36  | 24  | 9930-20 | Washer 17x30x3mm, A2           |     |     |         |                          |
| 37  | 12  | 9969-84 | Lock nut M16 w/nylon A2        |     |     |         |                          |
| 38  | 1   | 1550-30 | Supporter for trail            |     |     |         |                          |
| 39  | 12  | 9930-31 | Washer 8,4x24x2mm, A2          |     |     |         |                          |
| 40  | 6   | 9969-31 | Nut M8, A2                     |     |     |         |                          |
| 41  | 6   | 9930-32 | Washer 8,4x16x1,6mm, A2        |     |     |         |                          |
| 42  | 6   | 9962-16 | Screw M8x40mm, A2              |     |     |         |                          |
| 43  | 6   | 9969-32 | Lock nut M8 w/nylon A2         |     |     |         |                          |
| 44  | 2   | 9987-01 | Protection guard               |     |     |         |                          |
| 45  | 2   | 9950-43 | Flanged bearing dia. 35mm      |     |     |         |                          |
| 46  | 1   | 1811-71 | Splined shaft cpl.             |     |     |         |                          |
| 47  | 1   | 9985-41 | PTO1010mm w/wide angle M-Trail |     |     |         |                          |
| 48  | 2   | 6981-60 | Late application kit L2(W)     |     |     |         |                          |
| 49  | 1   | 6981-68 | Link pin console               |     |     |         |                          |
| 50  | 1   | 6981-75 | Link pin                       |     |     |         |                          |

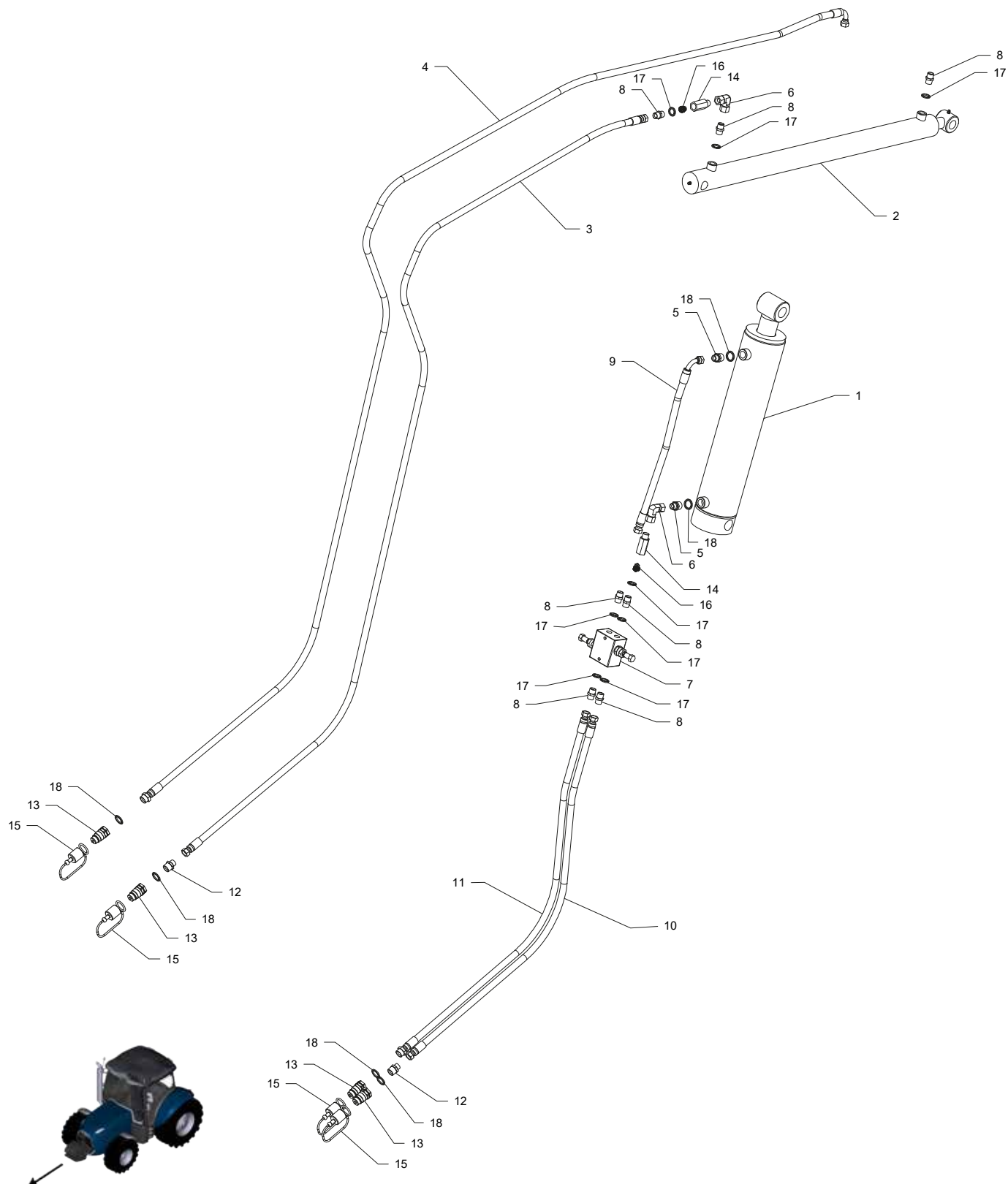
## BXL 1300



# BXL 1300

| Pos | Qty | Part no | Notes                          | Pos | Qty | Part no | Notes                     |
|-----|-----|---------|--------------------------------|-----|-----|---------|---------------------------|
| 1   | 1   | 5693-15 | Cylinder L-min=625mm           | 51  | 9   | 9962-11 | Bolt M8x40mm, A2          |
| 2   | 1   | 5692-10 | Tower for big bag lifter       | 52  | 1   | 5692-85 | Top bar                   |
| 3   | 1   | 5692-67 | Shaft f/lift cylinder 30/117   | 53  | 8   | 9936-82 | Bonded seals gasket 3/8"  |
| 4   | 1   | 5692-61 | Shaft f/lift arm dia. 30/182   | 54  | 6   | 9936-80 | Bonded seals gasket 1/2"  |
| 5   | 1   | 9990-33 | Double tupe support GR.2       | 55  | 1   | 5693-20 | Console for shock valve   |
| 6   | 2   | 5692-50 | Supporter for BXL1300          | 56  | 2   | 9961-17 | Bolt M6x60mm, A2          |
| 7   | 1   | 5692-56 | Bracket for support            | 57  | 2   | 9930-02 | Washer 6,2x12,5x1,6mm, A2 |
| 8   | 2   | 5692-78 | Split bolt f/support           | 58  | 2   | 9969-16 | Lock nut M6 w/nylon A2    |
| 9   | 1   | 5692-64 | Shaft f/lift cylinder 30/152   |     |     |         |                           |
| 10  | 3   | 5692-88 | Console f. link pin, left      |     |     |         |                           |
| 11  | 3   | 5692-89 | Console f. link pin, right     |     |     |         |                           |
| 12  | 4   | 5692-92 | Lock plate f/link pin          |     |     |         |                           |
| 13  | 1   | 5692-30 | Lift arm complete              |     |     |         |                           |
| 14  | 1   | 5692-33 | Distance plate long, lift arm  |     |     |         |                           |
| 15  | 1   | 5692-34 | Distance plate short, lift arm |     |     |         |                           |
| 16  | 16  | 9969-45 | Lock nut M10 w/nylon A2        |     |     |         |                           |
| 17  | 16  | 9963-01 | Screw M10x25mm, A2             |     |     |         |                           |
| 18  | 1   | 5692-35 | Lift arm                       |     |     |         |                           |
| 19  | 32  | 9968-44 | Washer 10,5x21x2mm, A2         |     |     |         |                           |
| 20  | 1   | 5693-01 | Cylinder 50/30/800 dia.25      |     |     |         |                           |
| 21  | 1   | 5692-46 | Extending lift arm             |     |     |         |                           |
| 22  | 1   | 9982-42 | 2,5T hook                      |     |     |         |                           |
| 23  | 3   | 5692-74 | Shaft extendingcyl./lift hook  |     |     |         |                           |
| 24  | 2   | 5692-70 | Shaft f/support roll Ø30/137   |     |     |         |                           |
| 25  | 2   | 5692-44 | Support roll f/extending       |     |     |         |                           |
| 26  | 4   | 9991-00 | Bronze bearing 30/34x30        |     |     |         |                           |
| 27  | 2   | 9995-05 | Angle connection 90° 3/8"      |     |     |         |                           |
| 28  | 3   | 9935-10 | Lubricator nipple M6x1mm       |     |     |         |                           |
| 29  | 2   | 9982-11 | Case 3/8x3/8"                  |     |     |         |                           |
| 30  | 1   | 9983-25 | Hydr. hose 3/8" 3000mm         |     |     |         |                           |
| 31  | 1   | 9983-26 | Hydr. hose 3/8" 3950mm         |     |     |         |                           |
| 32  | 2   | 9982-12 | Antidrop valve 3/8"            |     |     |         |                           |
| 33  | 35  | 9930-32 | Washer 8,4x16x1,6mm, A2        |     |     |         |                           |
| 34  | 18  | 9969-32 | Lock nut M8 w/nylon A2         |     |     |         |                           |
| 35  | 8   | 9962-05 | Screw M8x25mm, A2              |     |     |         |                           |
| 36  | 2   | 6320-03 | Lower link Pin, dia. 28x100mm  |     |     |         |                           |
| 37  | 2   | 9995-01 | Nipple 3/8"-1/2"               |     |     |         |                           |
| 38  | 1   | 9982-10 | Shock valve "Y" 80-160bar 3/8  |     |     |         |                           |
| 39  | 7   | 9995-02 | Nipple 3/8"-3/8"               |     |     |         |                           |
| 40  | 1   | 9983-23 | Hydr. hose 3/8" 520mm          |     |     |         |                           |
| 41  | 1   | 9983-22 | Hydr. hose 3/8" 1200mm         |     |     |         |                           |
| 42  | 1   | 9983-24 | Hydr. hose 3/8" 1200mm         |     |     |         |                           |
| 43  | 2   | 9995-03 | Nipple w/nozzle 1,5mm1/2"x3/8" |     |     |         |                           |
| 44  | 4   | 9983-09 | Quick coupling 1/2", male      |     |     |         |                           |
| 45  | 4   | 9990-19 | Cover for coupling 1/2"        |     |     |         |                           |
| 46  | 2   | 6320-04 | Top link Pin, dia. 25x97mm     |     |     |         |                           |
| 47  | 6   | 9938-74 | Linch Pin 10x45mm              |     |     |         |                           |
| 48  | 8   | 9967-60 | Steel bolt M24x65mm            |     |     |         |                           |
| 49  | 8   | 9969-96 | Lock nut M24, fzb              |     |     |         |                           |
| 50  | 16  | 9930-01 | Washer 25x44x4mm               |     |     |         |                           |

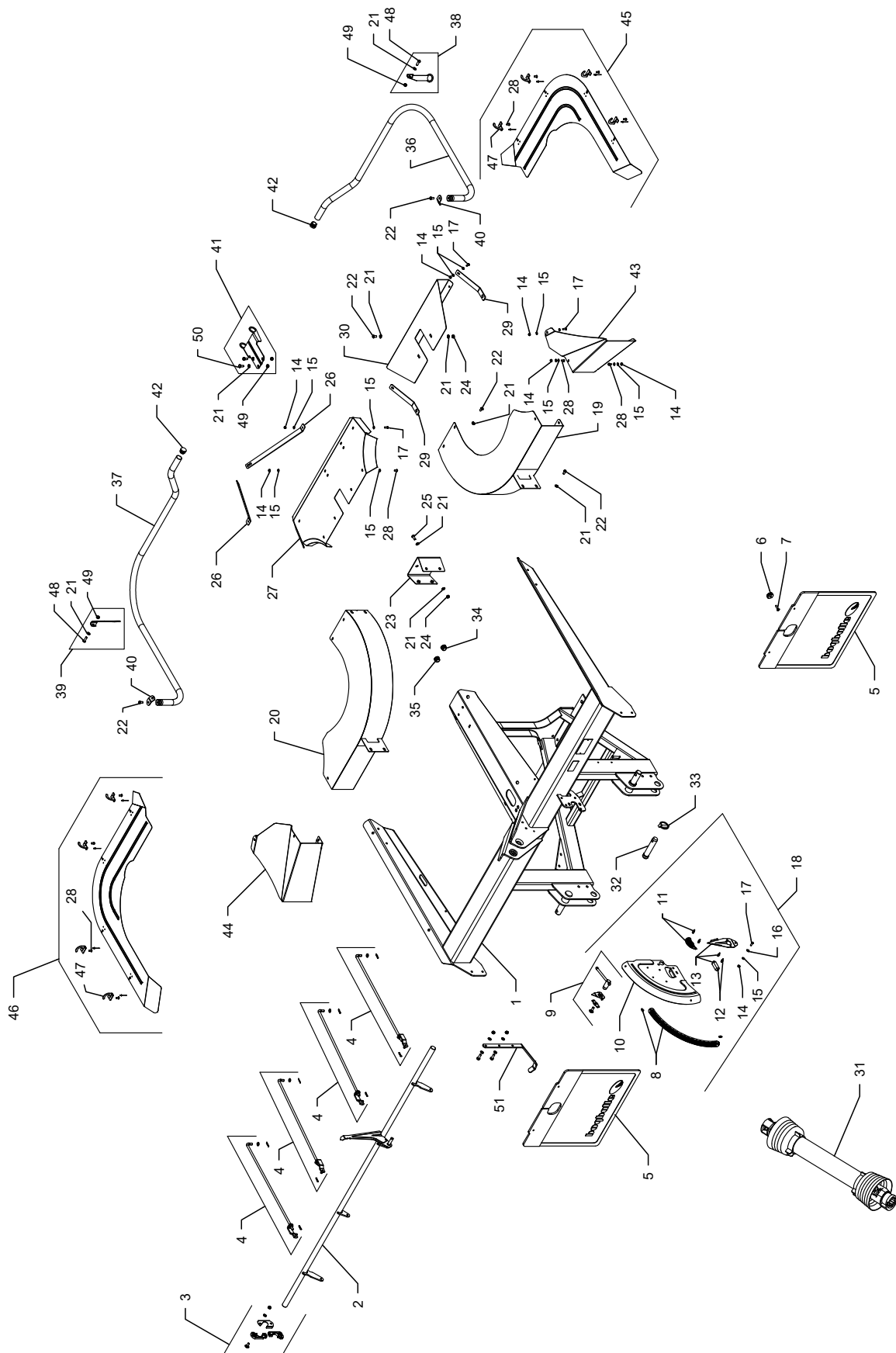
## BXL 1300 Hydraulic



# **BXL 1300 Hydraulic**

| Pos | Qty | Part no | Notes                          |
|-----|-----|---------|--------------------------------|
| 1   | 1   | 5693-15 | Cylinder L-min=625mm           |
| 2   | 1   | 5693-01 | Cylinder 50/30/800 dia.25      |
| 3   | 1   | 9983-25 | Hydr. hose 3/8" 3000mm         |
| 4   | 1   | 9983-26 | Hydr. hose 3/8" 3950mm         |
| 5   | 2   | 9995-01 | Nipple 3/8"-1/2"               |
| 6   | 2   | 9995-05 | Angle connection 90° 3/8"      |
| 7   | 1   | 9982-10 | Shock valve "Y" 80-160bar 3/8  |
| 8   | 7   | 9995-02 | Nipple 3/8"-3/8"               |
| 9   | 1   | 9983-23 | Hydr. hose 3/8" 520mm          |
| 10  | 1   | 9983-22 | Hydr. hose 3/8" 1200mm         |
| 11  | 1   | 9983-24 | Hydr. hose 3/8" 1200mm         |
| 12  | 2   | 9995-03 | Nipple w/nozzle 1,5mm1/2"x3/8" |
| 13  | 4   | 9983-09 | Quick coupling 1/2", male      |
| 14  | 2   | 9982-11 | Case 3/8x3/8"                  |
| 15  | 4   | 9990-19 | Cover for coupling 1/2"        |
| 16  | 2   | 9982-12 | Antidrop valve 3/8"            |
| 17  | 8   | 9936-82 | Bonded seals gasket 3/8"       |
| 18  | 6   | 9936-80 | Bonded seals gasket 1/2"       |

## Chassis

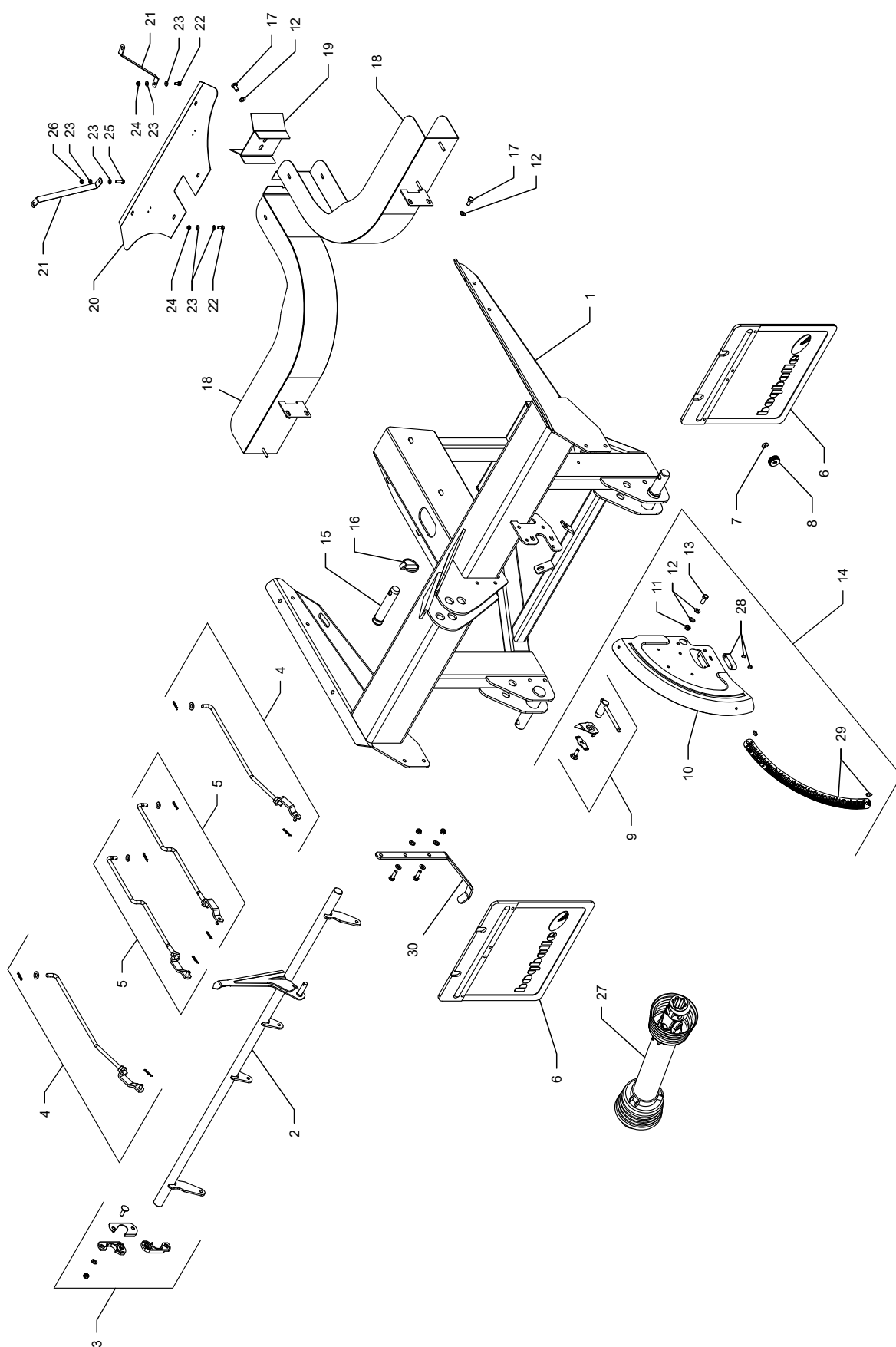


## Chassis

| Pos. No. | Order no. | Notes.      | Pos. No. | Order no. | Notes. |
|----------|-----------|-------------|----------|-----------|--------|
| 1        | 6820-01   | L2          | 46       | 6231-24   | Right  |
| 1        | 6820-20   | L2W         | 47       | 6231-30   |        |
| 2        | 6840-01   |             | 48       | 9913-50   | M8x20  |
| 3        | 6340-05   |             | 49       | 9969-32   | M8 Loc |
| 4        | 6841-05   |             | 50       | 9962-04   | M8x20  |
| 5        | 6875-01   |             | 51       | 6830-21   |        |
| 6        | 9990-43   |             |          |           |        |
| 7        | 9961-14   | M6x25       |          |           |        |
| 8        | 6840-25   |             |          |           |        |
| 9        | 6381-13   |             |          |           |        |
| 10       | 6840-21   |             |          |           |        |
| 11       | 6381-18   |             |          |           |        |
| 12       | 6381-17   |             |          |           |        |
| 13       | 6381-16   |             |          |           |        |
| 14       | 9969-16   | M6 Loc      |          |           |        |
| 15       | 9930-02   | D6/12       |          |           |        |
| 16       | 9930-53   | D8/15/3     |          |           |        |
| 17       | 9961-21   | M6x16       |          |           |        |
| 18       | 6840-20   |             |          |           |        |
| 19       | 6871-01   | Left        |          |           |        |
| 20       | 6871-02   | Right       |          |           |        |
| 21       | 9930-32   | D8/16       |          |           |        |
| 22       | 9962-26   | M8x16       |          |           |        |
| 23       | 6871-10   |             |          |           |        |
| 24       | 9969-31   | M8          |          |           |        |
| 25       | 9913-50   | M8x20       |          |           |        |
| 26       | 6874-03   |             |          |           |        |
| 27       | 4474-02   |             |          |           |        |
| 28       | 9961-20   | M6x12       |          |           |        |
| 29       | 4473-02   |             |          |           |        |
| 30       | 4473-01   |             |          |           |        |
| 31       | 9985-27   | Lgt. 710 mm |          |           |        |
| 32       | 6320-04   |             |          |           |        |
| 33       | 9938-74   |             |          |           |        |
| 34       | 9990-08   |             |          |           |        |
| 35       | 6350-12   |             |          |           |        |
| 36       | 6830-05   | Left        |          |           |        |
| 37       | 6830-06   | Right       |          |           |        |
| 38       | 6830-15   | Left        |          |           |        |
| 39       | 6830-16   | Right       |          |           |        |
| 40       | 6830-12   |             |          |           |        |
| 41       | 6830-18   |             |          |           |        |
| 42       | 9990-12   |             |          |           |        |
| 43       | 6980-72   | L2W         |          |           |        |
| 44       | 6980-73   | L2W         |          |           |        |
| 45       | 6231-23   | Left        |          |           |        |



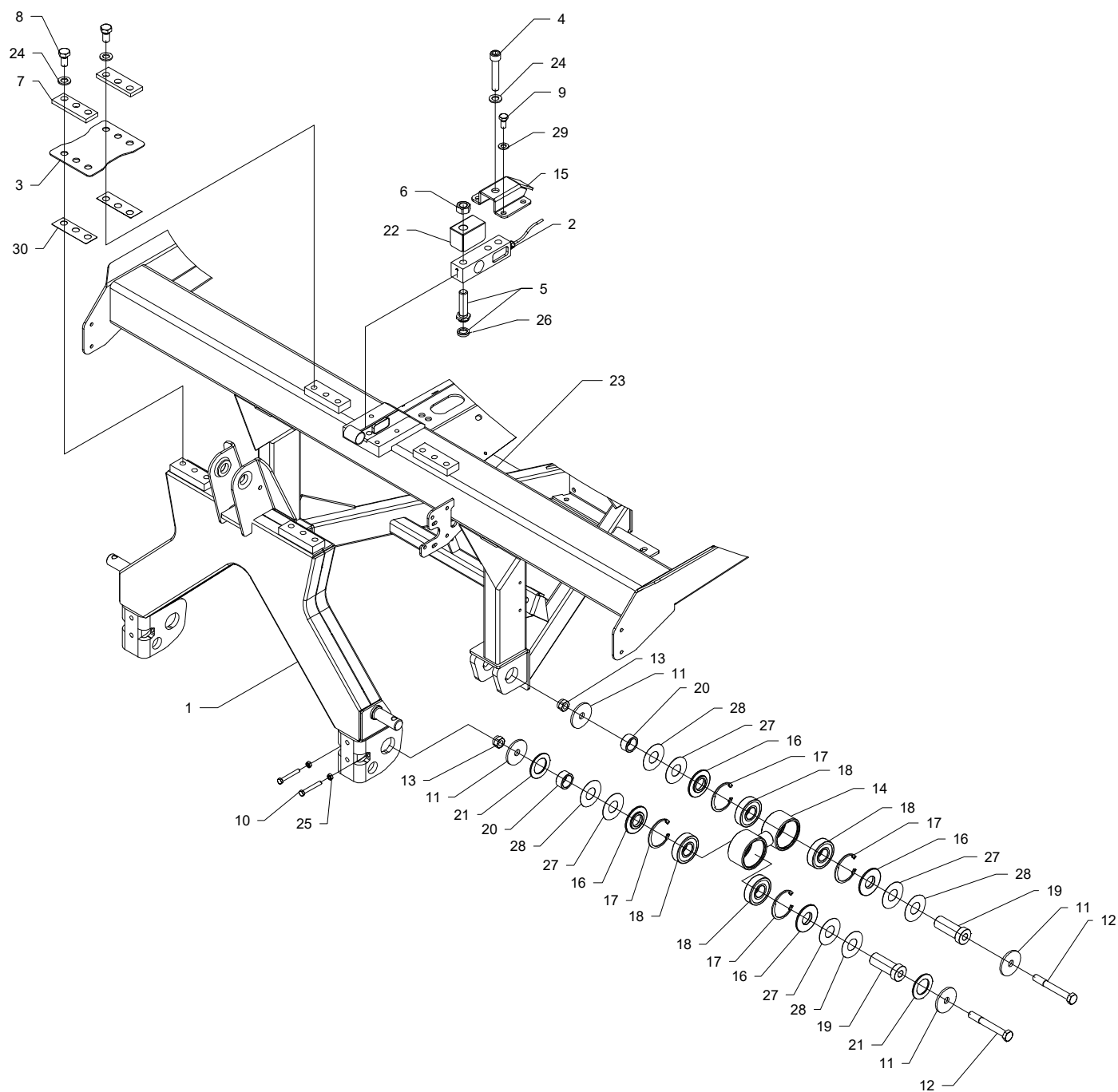
# Chassis



## Chassis

| Pos. No. | Order no. | Notes.      | Pos. No. | Order no. | Notes. |
|----------|-----------|-------------|----------|-----------|--------|
| 1        | 6720-01   |             |          |           |        |
| 2        | 6740-01   |             |          |           |        |
| 3        | 6340-05   |             |          |           |        |
| 4        | 6741-05   |             |          |           |        |
| 5        | 6741-06   |             |          |           |        |
| 6        | 6910-81   |             |          |           |        |
| 7        | 9930-03   | D6/18       |          |           |        |
| 8        | 9990-43   |             |          |           |        |
| 9        | 6381-13   |             |          |           |        |
| 10       | 6840-21   |             |          |           |        |
| 11       | 9969-32   | M8          |          |           |        |
| 12       | 9930-32   | D8/16       |          |           |        |
| 13       | 9962-04   | M8/20       |          |           |        |
| 14       | 6740-20   |             |          |           |        |
| 15       | 6320-04   |             |          |           |        |
| 16       | 9938-74   |             |          |           |        |
| 17       | 9962-03   | M8x16       |          |           |        |
| 18       | 6771-01   |             |          |           |        |
| 19       | 6171-09   |             |          |           |        |
| 20       | 6174-01   |             |          |           |        |
| 21       | 6174-02   |             |          |           |        |
| 22       | 9961-11   | M6x12       |          |           |        |
| 23       | 9930-02   | D6/12       |          |           |        |
| 24       | 9969-16   | M6 locknut  |          |           |        |
| 25       | 9961-12   | M6x20       |          |           |        |
| 26       | 9969-15   | M6 nut      |          |           |        |
| 27       | 9985-24   | Lgt. 560 mm |          |           |        |
| 28       | 6381-17   |             |          |           |        |
| 29       | 6840-25   |             |          |           |        |
| 30       | 6830-21   |             |          |           |        |
|          |           |             |          |           |        |
|          |           |             |          |           |        |
|          |           |             |          |           |        |

# Weighing frame

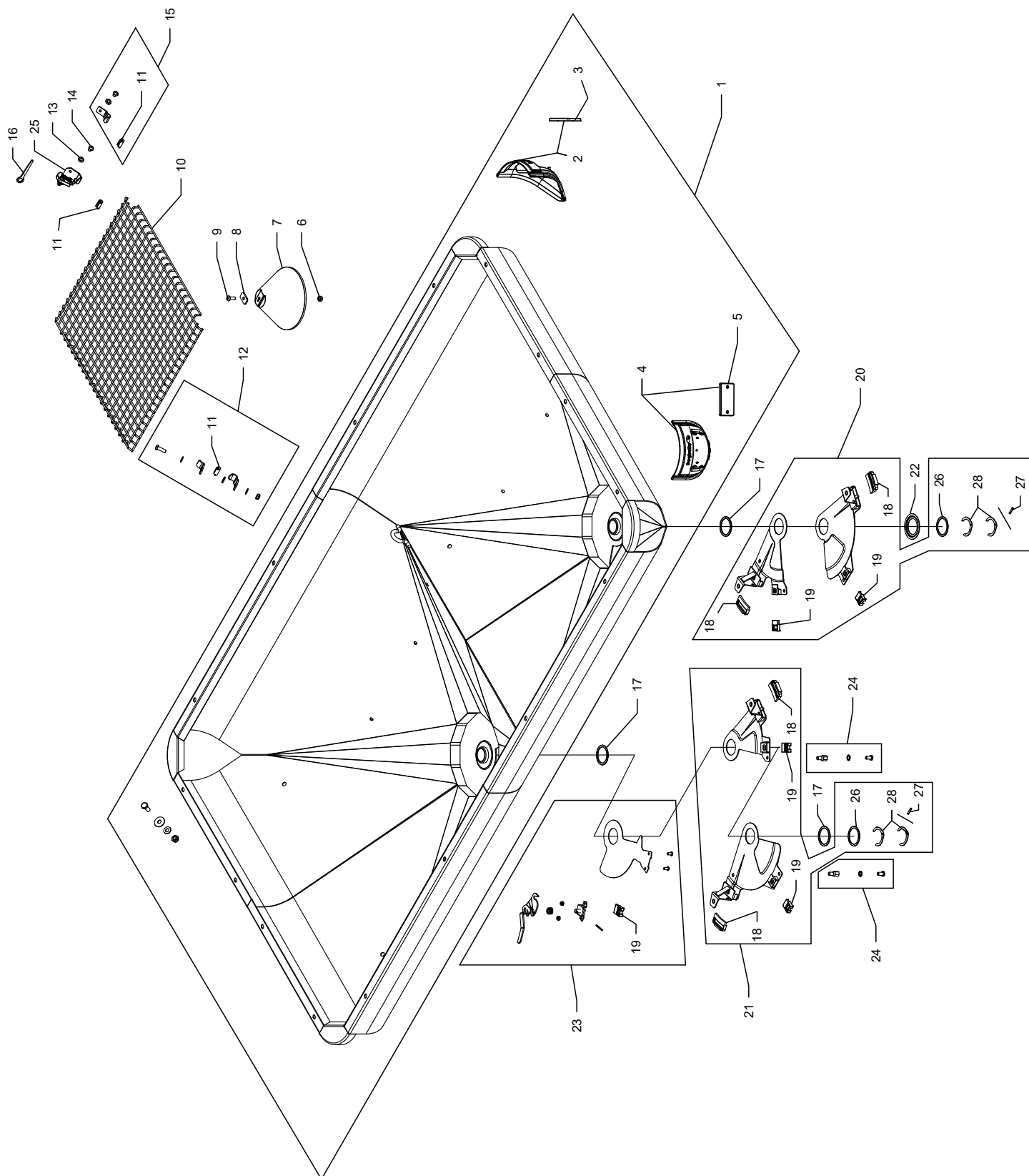


# Weighing frame

| Pos. No. | Order no. | Notes.  | Pos. No. | Order no. | Notes. |
|----------|-----------|---------|----------|-----------|--------|
| 1        | 6822-30   |         |          |           |        |
| 2        | 9942-33   |         |          |           |        |
| 3        | 6220-25   |         |          |           |        |
| 4        | 9913-41   |         |          |           |        |
| 5        | 6320-28   |         |          |           |        |
| 6        | 9968-97   | M20     |          |           |        |
| 7        | 6220-26   |         |          |           |        |
| 8        | 9964-71   | M16x30  |          |           |        |
| 9        | 9964-43   | M12x25  |          |           |        |
| 10       | 9962-22   | M8x60   |          |           |        |
| 11       | 6220-34   |         |          |           |        |
| 12       | 9964-79   | M16x120 |          |           |        |
| 13       | 9969-84   | M16     |          |           |        |
| 14       | 6220-30   |         |          |           |        |
| 15       | 6822-45   |         |          |           |        |
| 16       | 6220-33   |         |          |           |        |
| 17       | 9937-45   |         |          |           |        |
| 18       | 9950-05   |         |          |           |        |
| 19       | 6220-35   |         |          |           |        |
| 20       | 6220-36   |         |          |           |        |
| 21       | 6820-30   |         |          |           |        |
| 22       | 6822-46   |         |          |           |        |
| 23       | 6820-20   |         |          |           |        |
| 24       | 9930-20   | D17/30  |          |           |        |
| 25       | 9969-31   | M8      |          |           |        |
| 26       | 9936-27   |         |          |           |        |
| 27       | 6220-37   |         |          |           |        |
| 28       | 6220-38   |         |          |           |        |
| 29       | 9930-35   | D13/24  |          |           |        |
| 30       | 6220-27   |         |          |           |        |
|          |           |         |          |           |        |
|          |           |         |          |           |        |
|          |           |         |          |           |        |

Weighing frame

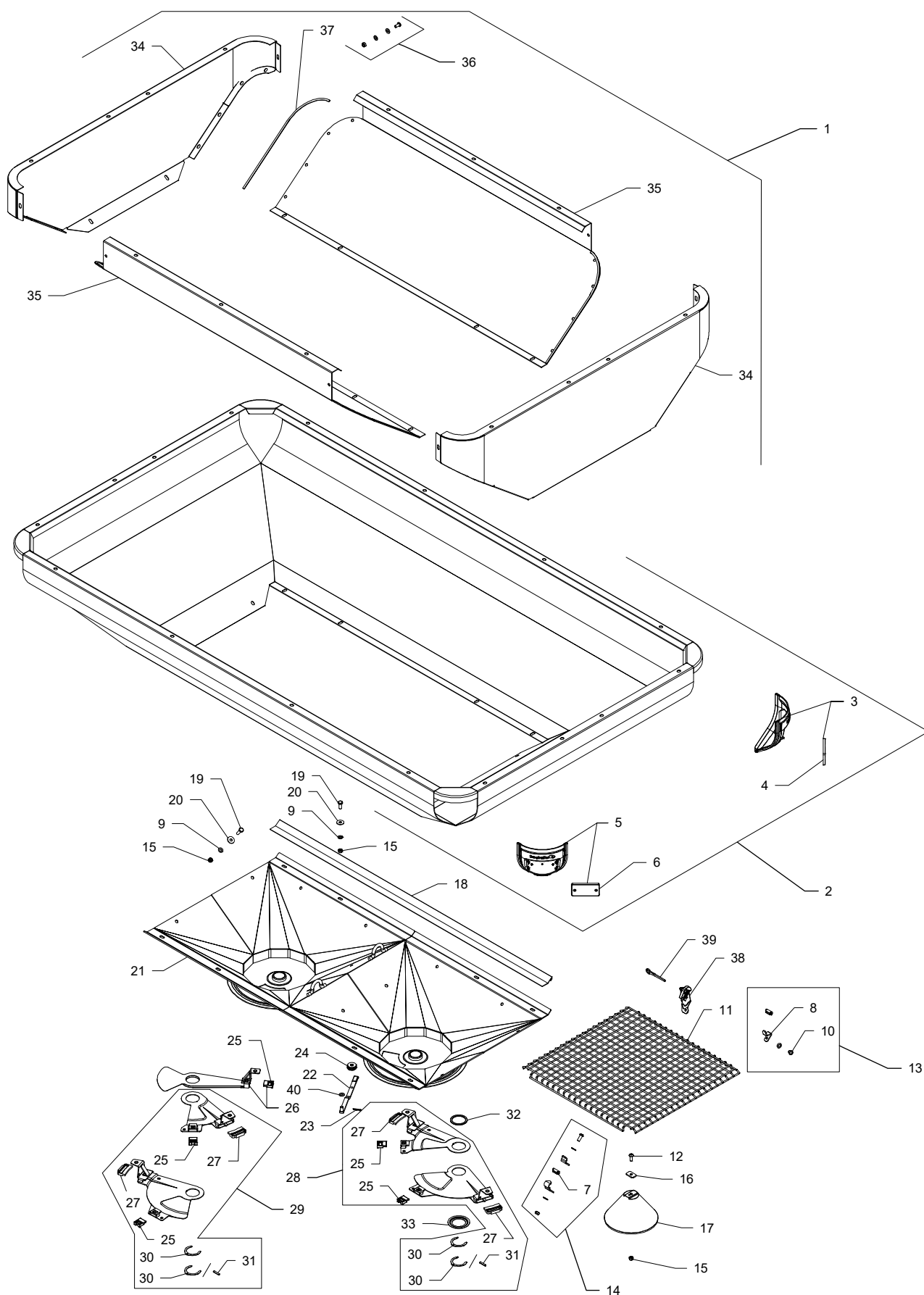
# Hopper with outlet shutters



## Hopper with outlet shutters

| Pos. No. | Order no. | Notes. | Pos. No. | Order no. | Notes. |
|----------|-----------|--------|----------|-----------|--------|
| 1        | 6810-04   |        |          |           |        |
| 2        | 6311-30   |        |          |           |        |
| 3        | 9943-32   | Red    |          |           |        |
| 4        | 6311-31   |        |          |           |        |
| 5        | 9943-33   | White  |          |           |        |
| 6        | 9969-32   | M8     |          |           |        |
| 7        | 6716-01   |        |          |           |        |
| 8        | 6716-05   |        |          |           |        |
| 9        | 9913-50   | M8x20  |          |           |        |
| 10       | 6713-02   |        |          |           |        |
| 11       | 6713-10   |        |          |           |        |
| 12       | 6713-13   |        |          |           |        |
| 13       | 9930-32   | D8/16  |          |           |        |
| 14       | 9962-18   | M8x10  |          |           |        |
| 15       | 6713-12   |        |          |           |        |
| 16       | 6313-27   |        |          |           |        |
| 17       | 4012-11   |        |          |           |        |
| 18       | 4412-20   | Big    |          |           |        |
| 19       | 4412-21   | Small  |          |           |        |
| 20       | 6312-53   | Left   |          |           |        |
| 21       | 6312-54   | Right  |          |           |        |
| 22       | 4512-12   |        |          |           |        |
| 23       | 6812-01   |        |          |           |        |
| 24       | 6312-13   |        |          |           |        |
| 25       | 6813-30   |        |          |           |        |
| 26       | 6312-11   | 0,8    |          |           |        |
| 27       | 9933-25   | Ø2x10  |          |           |        |
| 28       | 4511-06   |        |          |           |        |
|          |           |        |          |           |        |
|          |           |        |          |           |        |
|          |           |        |          |           |        |

# Hopper with outlet shutters

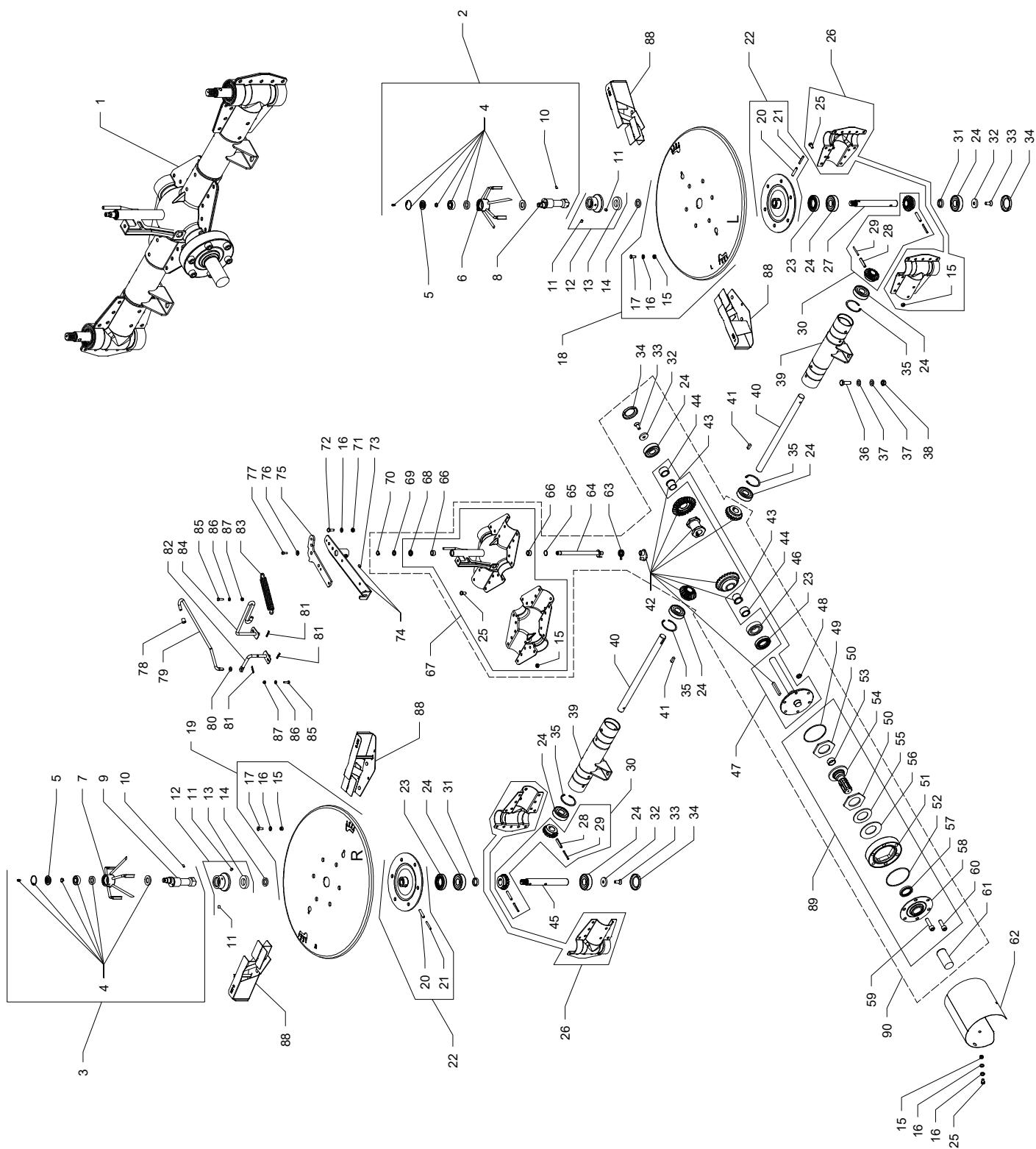


## Hopper with outlet shutters

| Pos. No. | Order no. | Notes.     | Pos. No. | Order no. | Notes. |
|----------|-----------|------------|----------|-----------|--------|
| 1        | 6711-02   | 120x125    |          |           |        |
| 2        | 6711-21   | 120x210    |          |           |        |
| 3        | 6311-30   |            |          |           |        |
| 4        | 9943-32   | Red        |          |           |        |
| 5        | 6311-31   |            |          |           |        |
| 6        | 9943-33   | White      |          |           |        |
| 7        | 6713-10   |            |          |           |        |
| 8        | 6713-11   |            |          |           |        |
| 9        | 9930-32   | D8/16      |          |           |        |
| 10       | 9962-18   | M8x10      |          |           |        |
| 11       | 6713-02   |            |          |           |        |
| 12       | 9913-50   | M8x20      |          |           |        |
| 13       | 6713-12   |            |          |           |        |
| 14       | 6713-13   |            |          |           |        |
| 15       | 9969-32   | M8 locknut |          |           |        |
| 16       | 6716-05   |            |          |           |        |
| 17       | 6716-01   |            |          |           |        |
| 18       | 6710-03   |            |          |           |        |
| 19       | 9962-04   | M8x20      |          |           |        |
| 20       | 9930-31   | D8/25      |          |           |        |
| 21       | 6710-05   |            |          |           |        |
| 22       | 6112-01   |            |          |           |        |
| 23       | 9934-01   |            |          |           |        |
| 24       | 9990-43   |            |          |           |        |
| 25       | 4412-21   | Small      |          |           |        |
| 26       | 4611-00   |            |          |           |        |
| 27       | 4412-20   | Big        |          |           |        |
| 28       | 6312-53   | Left       |          |           |        |
| 29       | 6312-54   | Right      |          |           |        |
| 30       | 4511-06   |            |          |           |        |
| 31       | 9933-25   | ø2x10      |          |           |        |
| 32       | 4012-11   |            |          |           |        |
| 33       | 4512-12   |            |          |           |        |
| 34       | 6711-38   |            |          |           |        |
| 35       | 6711-41   |            |          |           |        |
| 36       | 6711-03   |            |          |           |        |
| 37       | 6711-42   |            |          |           |        |
| 38       | 6713-30   |            |          |           |        |
| 39       | 6313-27   |            |          |           |        |
| 40       | 9930-51   | PA D8/17   |          |           |        |
|          |           |            |          |           |        |



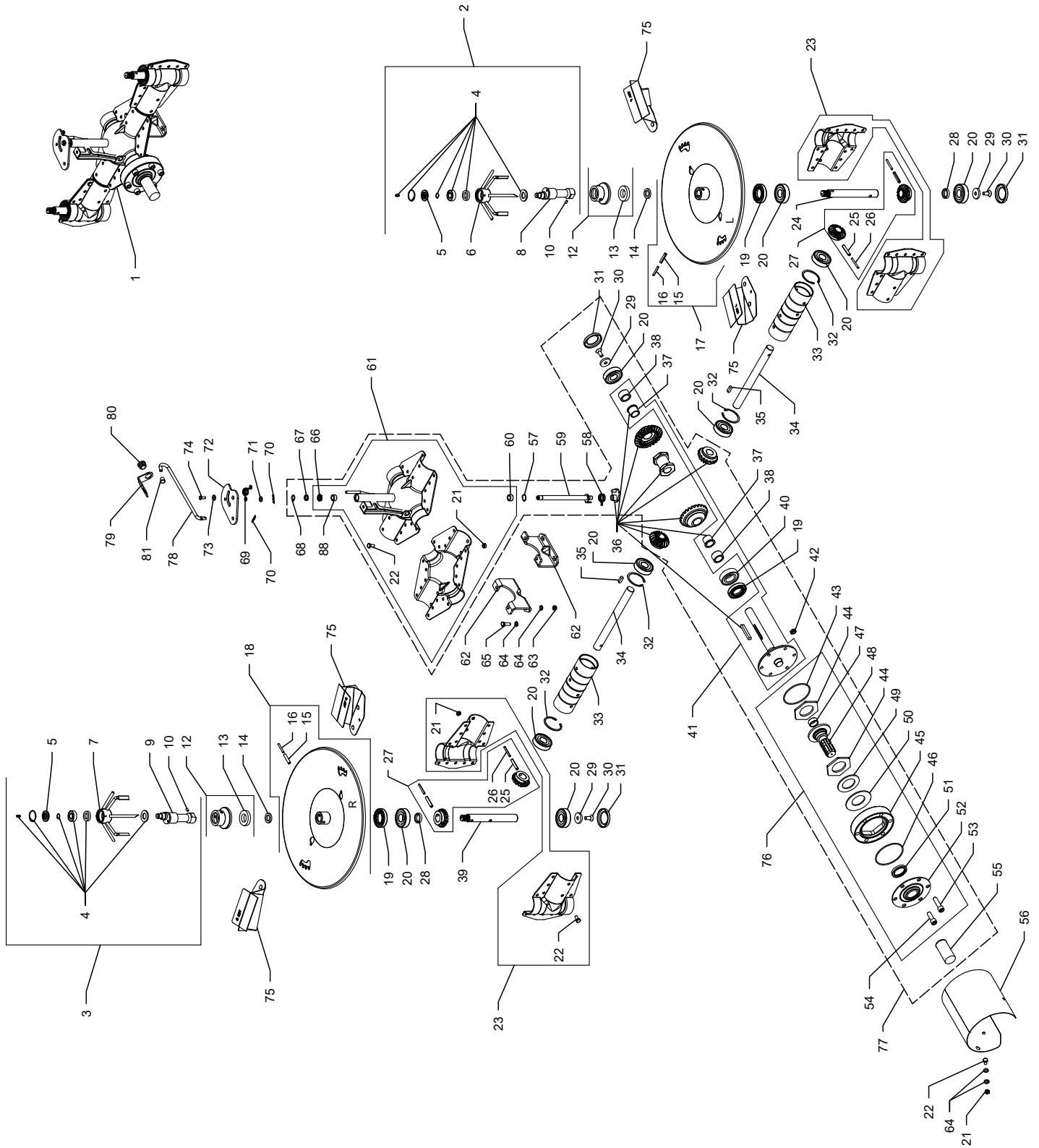
## Spreading system



# Spreading system

| Pos. No. | Order no. | Notes.          | Pos. No. | Order no. | Notes.                |
|----------|-----------|-----------------|----------|-----------|-----------------------|
| 1        | 6850-02   | 540/750 rpm     | 48       | 9928-99   | M12                   |
| 2        | 4160-01   | L-side/R-thread | 49       | 9936-10   | ø89,5xø3              |
| 3        | 4160-02   | R-side/L-thread | 50       | 3263-15   |                       |
| 4        | 4056-10   |                 | 51       | 3263-20   |                       |
| 5        | 4056-03   |                 | 52       | 9936-09   | ø94xø3                |
| 6        | 4058-05   | L-side/R        | 53       | 9990-90   |                       |
| 7        | 4058-06   | R-side/L        | 54       | 3263-11   |                       |
| 8        | 4161-02   | L-side/R-thread | 55       | 3263-12   |                       |
| 9        | 4161-01   | R-side/L-thread | 56       | 9931-10   |                       |
| 10       | 9961-02   | M6x10           | 57       | 9936-49   | 38x52x7               |
| 11       | 9913-19   | M8x10           | 58       | 3263-13   |                       |
| 12       | 4158-05   |                 | 59       | 9965-10   | M12x45                |
| 13       | 4158-10   |                 | 60       | 9965-09   | M12x35                |
| 14       | 4560-01   | ø20xø30x5       | 61       | 9985-84   |                       |
| 15       | 9969-31   | M8              | 62       | 4470-01   |                       |
| 16       | 9930-32   | D8/16           | 63       | 9934-02   |                       |
| 17       | 9929-35   | M8x20           | 64       | 4653-02   |                       |
| 18       | 4550-05   | Left            | 65       | 9931-15   |                       |
| 19       | 4550-06   | Right           | 66       | 9990-99   | 14x20x10              |
| 20       | 9933-02   | ø8x40           | 67       | 4660-00   |                       |
| 21       | 9933-11   | ø5x40           | 68       | 9936-29   | 14x22x4               |
| 22       | 4051-05   |                 | 69       | 9936-28   |                       |
| 23       | 9936-37   | 35x62x12/13     | 70       | 9937-13   | U 14                  |
| 24       | 9950-02   | 6305-2RS        | 71       | 9969-32   | M8 Loc                |
| 25       | 9962-03   | M8x16           | 72       | 9962-04   | M8x20                 |
| 26       | 4454-05   |                 | 73       | 9913-19   | M8x10                 |
| 27       | 4155-04   | Right thread    | 74       | 4655-05   |                       |
| 28       | 9933-12   | ø8x45           | 75       | 4653-15   |                       |
| 29       | 9933-17   | ø5x45           | 76       | 9930-07   | D6/17/3               |
| 30       | 3265-02   | 15 teeth        | 77       | 9961-04   | M6x16                 |
| 31       | 3262-05   |                 | 78       | 9990-26   |                       |
| 32       | 3260-04   |                 | 79       | 6850-11   |                       |
| 33       | 9963-07   | M10x25          | 80       | 9930-51   | D8/16                 |
| 34       | 3260-05   |                 | 81       | 9934-31   |                       |
| 35       | 9937-40   | I 60            | 82       | 6350-08   |                       |
| 36       | 9965-01   | M12x35          | 83       | 9934-07   |                       |
| 37       | 9930-35   | D12/24          | 84       | 4690-05   |                       |
| 38       | 9969-62   | M12 Loc         | 85       | 9961-12   | M6x20                 |
| 39       | 4457-02   |                 | 86       | 9930-02   | D6/12                 |
| 40       | 4456-02   |                 | 87       | 9969-16   | M6 Loc                |
| 41       | 9931-56   | 8x7x25          | 88       | 4650-12   | E1-T 2 Left / 2 Right |
| 42       | 4652-11   | 17/24 teeth     | 88       | 4650-20   | E2-T 2 Left / 2 Right |
| 43       | 4652-08   |                 | 88       | 4650-28   | E6-T 2 Left / 2 Right |
| 44       | 4652-03   |                 | 88       | 4650-50   | U1-T 2 Left / 2 Right |
| 45       | 4062-05   | Left thread     | 89       | 3263-10   |                       |
| 46       | 9950-03   | 6206-2RS        | 90       | 4750-50   |                       |
| 47       | 4652-01   |                 |          |           |                       |

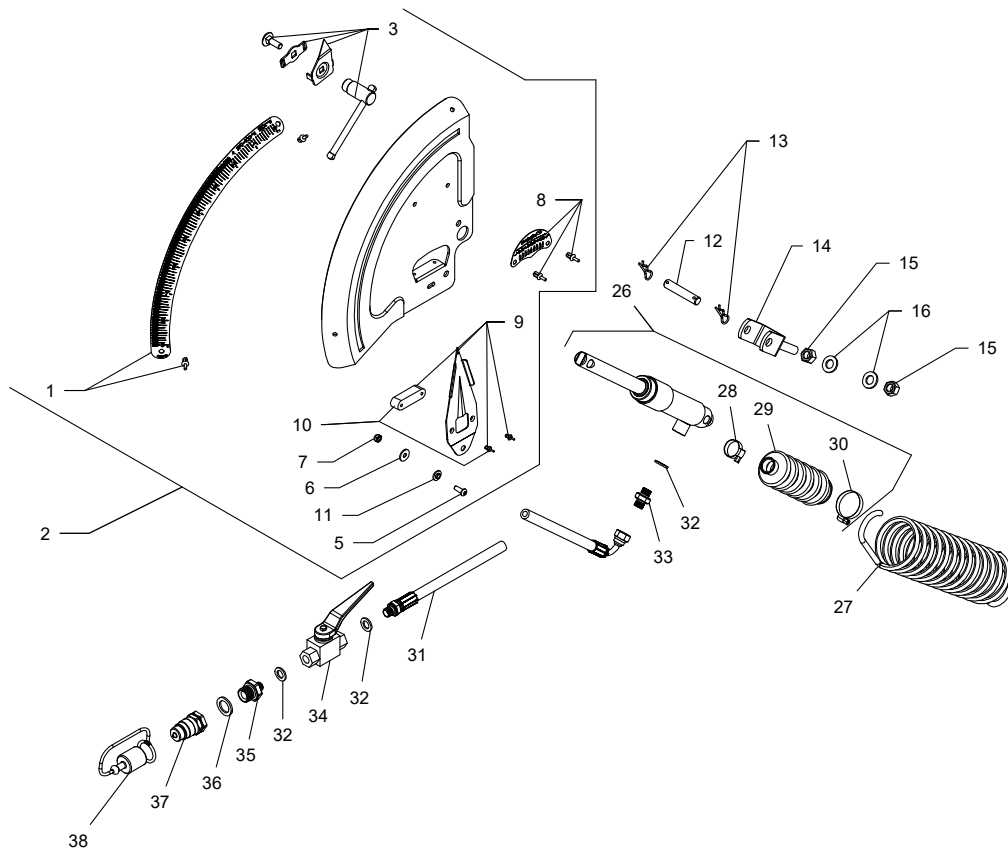
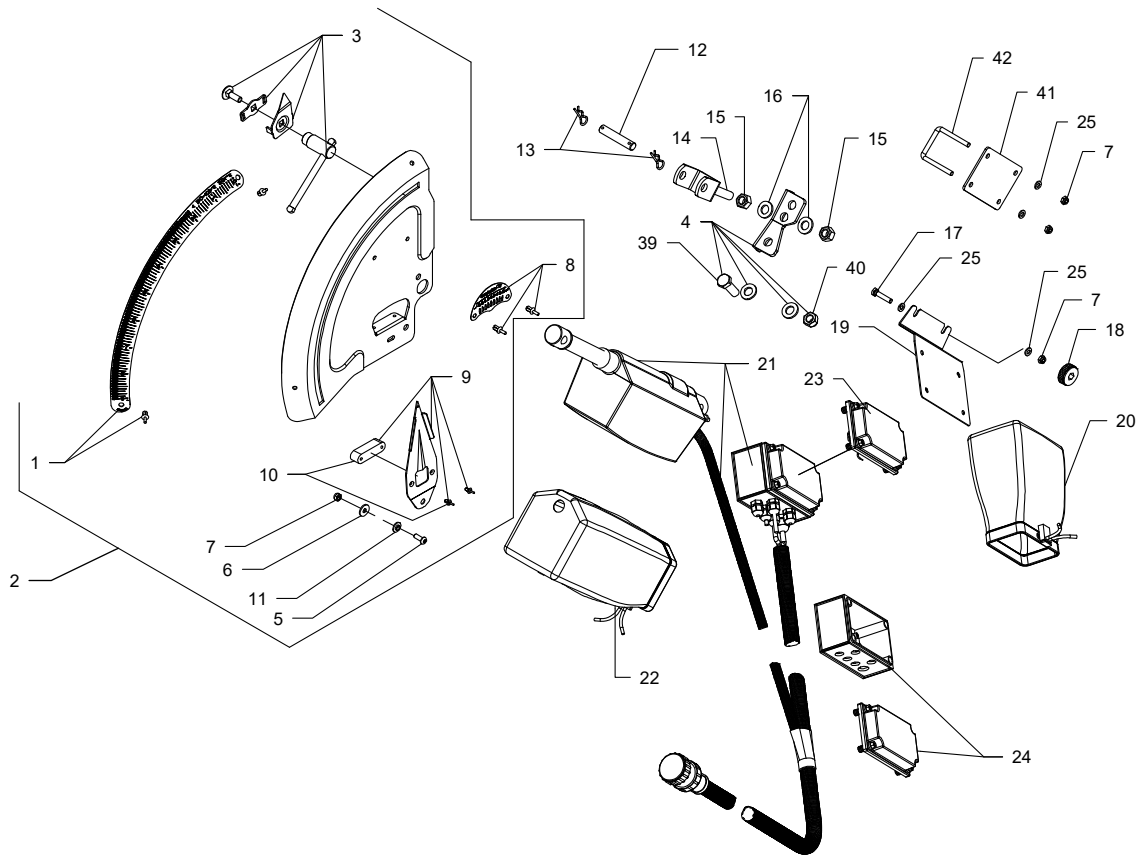
# Spreading system



## Spreading system

| Pos. No. | Order no. | Notes.          | Pos. No. | Order no. | Notes.                |
|----------|-----------|-----------------|----------|-----------|-----------------------|
| 1        | 6750-02   | 540/750 rpm     | 47       | 9990-90   |                       |
| 2        | 4160-01   | L-side/R-thread | 48       | 3263-11   |                       |
| 3        | 4160-02   | R-side/L-thread | 49       | 3263-12   |                       |
| 4        | 4056-10   |                 | 50       | 9931-10   |                       |
| 5        | 4056-03   |                 | 51       | 9936-49   | 38x52x7               |
| 6        | 4058-05   | L-side/R        | 52       | 3263-13   |                       |
| 7        | 4058-06   | R-side/L        | 53       | 9965-10   | M12x45                |
| 8        | 4161-02   | L-side/R-thread | 54       | 9965-09   | M12x35                |
| 9        | 4161-01   | R-side/L-thread | 55       | 9985-84   |                       |
| 10       | 9961-02   | M6x10           | 56       | 4470-01   |                       |
| 11       | 9913-19   | M8x10           | 57       | 9931-15   |                       |
| 12       | 4158-05   |                 | 58       | 9934-02   |                       |
| 13       | 4158-10   |                 | 59       | 4653-02   |                       |
| 14       | 4560-01   | ø20xø30x5       | 60       | 9990-99   | ø14xø20x10            |
| 15       | 9933-10   | ø8x40           | 61       | 4660-00   |                       |
| 16       | 9933-09   | ø5x40           | 62       | 6750-04   |                       |
| 17       | 6751-01   | Left            | 63       | 9969-32   | M8 Lock nut           |
| 18       | 6751-02   | Right           | 64       | 9930-32   | D8/17                 |
| 19       | 9936-37   | 35x62x12        | 65       | 9962-05   | M8x25                 |
| 20       | 9950-02   | 6305-2RS        | 66       | 9936-29   | 14x22x4               |
| 21       | 9969-31   | M8              | 67       | 9936-28   |                       |
| 22       | 9962-03   | M8x16           | 68       | 9937-13   | U14                   |
| 23       | 4454-05   |                 | 69       | 9934-01   |                       |
| 24       | 4155-04   | Right thread    | 70       | 9934-31   |                       |
| 25       | 9933-12   | ø8x45           | 71       | 9930-51   |                       |
| 26       | 9933-17   | ø5x45           | 72       | 4653-20   |                       |
| 27       | 3265-02   | 15 Teeth        | 73       | 9930-07   | D6/17                 |
| 28       | 3262-05   |                 | 74       | 9961-04   | M6x16                 |
| 29       | 3260-04   |                 | 75       | 6150-12   | A2 T 2 Left / 2 Right |
| 30       | 9963-07   | M10x25          | 75       | 6150-18   | A3 T 2 Left / 2 Right |
| 31       | 3260-05   |                 | 76       | 3263-10   |                       |
| 32       | 9937-40   | I60             | 77       | 4750-50   |                       |
| 33       | 6157-02   |                 | 78       | 6394-78   |                       |
| 34       | 6156-02   |                 | 79       | 6791-15   |                       |
| 35       | 9931-56   | 8x7x25          | 80       | 6350-12   |                       |
| 36       | 4652-11   | 17/24 Theeth    | 81       | 9990-26   |                       |
| 37       | 4652-08   |                 |          |           |                       |
| 38       | 4652-03   |                 |          |           |                       |
| 39       | 4062-05   | Left thread     |          |           |                       |
| 40       | 9950-03   | 6206-2RS        |          |           |                       |
| 41       | 4652-01   |                 |          |           |                       |
| 42       | 9928-99   | M12             |          |           |                       |
| 43       | 9936-10   | ø89,5xø3        |          |           |                       |
| 44       | 3263-15   |                 |          |           |                       |
| 45       | 3263-20   |                 |          |           |                       |
| 46       | 9936-09   | ø94xø3          |          |           |                       |

# Regulation system



## Regulation system

| Pos. No. | Order no. | Notes.  | Pos. No. | Order no. | Notes. |
|----------|-----------|---------|----------|-----------|--------|
| 1        | 6840-25   |         |          |           |        |
| 2        | 6840-20   |         |          |           |        |
| 3        | 6381-13   |         |          |           |        |
| 4        | 6885-10   | L2      |          |           |        |
| 5        | 9961-21   | M6x16   |          |           |        |
| 6        | 9930-03   | D6/18   |          |           |        |
| 7        | 9969-16   | M6 Loc  |          |           |        |
| 8        | 6381-18   |         |          |           |        |
| 9        | 6381-16   |         |          |           |        |
| 10       | 6381-17   |         |          |           |        |
| 11       | 9930-53   | D8/15/3 |          |           |        |
| 12       | 4581-28   |         |          |           |        |
| 13       | 9934-32   |         |          |           |        |
| 14       | 4581-25   |         |          |           |        |
| 15       | 9969-60   | M12     |          |           |        |
| 16       | 9930-35   | D12/24  |          |           |        |
| 17       | 9961-23   | M6x30   |          |           |        |
| 18       | 9990-43   |         |          |           |        |
| 19       | 6384-29   |         |          |           |        |
| 20       | 4584-26   |         |          |           |        |
| 21       | 6384-28   |         |          |           |        |
| 22       | 4584-25   |         |          |           |        |
| 23       | 6386-26   | L2W     |          |           |        |
| 24       | 4920-50   | L2(W)   |          |           |        |
| 25       | 9930-02   | D6/12   |          |           |        |
| 26       | 4581-15   |         |          |           |        |
| 27       | 9934-14   |         |          |           |        |
| 28       | 9990-60   | D24     |          |           |        |
| 29       | 9987-04   |         |          |           |        |
| 30       | 9990-61   | D40     |          |           |        |
| 31       | 9983-29   |         |          |           |        |
| 32       | 9936-79   |         |          |           |        |
| 33       | 9990-78   |         |          |           |        |
| 34       | 9982-06   |         |          |           |        |
| 35       | 9990-81   | Ø0,8    |          |           |        |
| 36       | 9936-80   |         |          |           |        |
| 37       | 9983-09   |         |          |           |        |
| 38       | 9990-19   |         |          |           |        |
| 39       | 9965-01   | M12x35  |          |           |        |
| 40       | 9969-62   | M12 Loc |          |           |        |
| 41       | 6785-07   | L1      |          |           |        |
| 42       | 6785-08   | L1      |          |           |        |

## Notes





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