







**Agricultural Trailers** 



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## **Market Leader Components**

# We only use the highest-quality components available







The european market leader in transportation industry for chassis systems



At the top of the hydraulic cylinder market



Global market leader in surface treatment



Largest steel group worldwide – connects both leading steel producers – market leader on 4 continents



First-class tyres with high load capacity at low wheel pressure



Perfect, dense construction – stable Side panels – market leader in agricultural techniques



Leading provider of tilt bearings and tilt bearing techniques for vehicle constructions



Global producer of hydraulic loading and unloading systems and hook lift units



One of Europe's innovative and qualitative leaders for wear and structure technology in commercial vehicles



Global systems supplier with product focus on safety, environment and vehicle dynamics

## This quality speaks for



Perfection







Durability



#### Highest precision through the use of latest robot technology





#### ACC immersion primer and powder coating

Oehler vehicle construction means that all steel parts are treated with a special surface coating. It contains a special primer that provides extra corrosion protection.

This modern immersion coating process begins with the cleaning and degreasing of parts by immersing them in different baths.

Subsequently, the automatic continuous flow system guarantees uniform coating with the ACC primer (homogeneous coating).

Through intense heating, the ACC is baked on and seals each part.

After drying inside and outside, the parts are powder coated and painted with the appropriate colour.

This complex process ensures unique corrosion protection, UV resistance as well as durability.



## 3-way tipping trailers

The maneuverable universal trailer for agriculture - forestry - landscaping









Model	OL EDK 20
Article nr.	107209
Perm. total weight kg	2.000
Dead weight approx kg	500
Bridge mm, LxWxH	2290 x 1200 x 400
Platform height approx. mm*	760
Tipping cylinder stages	3
Max. axle loading capacity kg	2.000
Track width approx. mm	900
Tyres	26x12 LG 306 8 PR
Brake system	Overrun automatic reverse drive

<sup>\*</sup> Height depending on tyre size (brand)

- ACC immersion primer and powder coating
- Extremely low platform height
- Continuous floor plate unwelded 4mm
- Sliding axle suitable up to 25 km/h
- Extra narrow track (900 mm)



Gentle to the ground with wide tyres and height compensating









as in football stadiums, on training grounds or golf courses.

Ideal for sensitive lawn surfaces such

OL EDK 60 SG 1000 mm swinging tailboard

OL EDK 60 SG inside entry on option



OL EDK 60 SG height compensation through pivoting axle

Model	OL EDK 60 SG
Article nr.	118440
Perm. total weight kg	6.000
Dead weight approx kg	1.400
Bridge mm, LxWxH	3500 x 2140 x 500
Platform height approx. mm*	980
Tipping cylinder stages	4
Max. axle loading capacity kg	6.500
Track width approx. mm	1900
Tyres	260/70-15.3 TL 126 A8 Flot. +
Overrun automatic reverse drive system	Standard

<sup>\*</sup> Height depending on tyre size (brand)

Underride protection

## 3-way tipping trailers Single-axle

#### The S-Standards for Pros







# The professional class: robust – durable – compact



#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Overrun automatic reverse drive, flanged (BPW)
- Perfect, dense construction: 2,5 mm thick side boards with high quality Hestal & Bernhofer fasteners
- Foldable steel side panels (lateral walls and rear wall), Attachments separately pendulous, Central locking at the rear, skirting board, grain slider
- Torsion free bridge frame with longitudinal and transverse Professionalles, screwed end stanchions
- BPW axle suitable up to 40 km/h (up to 6,5 t)
- Foldable support wheel
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- OL EDK 60 S available with 3-point linkage and PTO shaft drive
- Lateral tipping also available with attachment (see picture)
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation



EDK S Standards locking

				-
Model	OL EDK 35 S	OL EDK 45 S	OL EDK 60 S	EDK 80S - 25 km/h
Article nr.	101434	118440	100120	119240
Perm. total weight kg	3.500	4.500	6.000	8.000
Dead weight approx kg	750	1.100	1.200	1.700
Bridge mm, LxWxH	2530 x 1420 x 400	3500 x 1800 x 500	3500 x 1800 x 500	4000 x 2100 (2060) x 500
Platform height approx. mm*	880	910	940	1060
Tipping cylinder stages	3	3	3	4
Max. axle loading capacity kg	3.500	7.000	7.000	8000
Track width approx. mm	1100	1500	1500	1700
Tyres	10.0/7	5-15.3	11.5/80-15.3	400/60 - 15.5 TL 145 A8 Flotation +
Brake system	Overrun automatic reverse drive		rive	

Height depending on tyre size (brand)

# 3-way tipping trailers

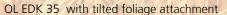
Single-axle

The premium class for agriculture, forestry, communities and golf courses



The great among the small stable construction for toughest use









OL EDK 60 stable base

OL EDK 80 with attachments

#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Overrun automatic reverse drive, flanged (BPW)
- Perfect, dense construction: 2,5 mm thick side panels with high quality Hestal & Bernhofer fasteners
- Foldable steel side panels (lateral walls and rear wall), Attachments separately pendulous, Central locking at the rear, skirting board, grain slider
- Torsion free bridge frame with longitudinal and transverse Professionalles, screwed end stanchions
- BPW axle suitable for 25 km/h
- BPW axle suitable up to 40 km/h (up to 6,5 t)
- Foldable support wheel
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation

#### Two for one

PTO shaft drive with
3-point device including
hydraulic drive: enables transport
and operation of any working tool



OL EDK 70 with foliage attachment box for vacuum cleaner and optional 3-point linkage



OL EDK 70 with foliage attachment for lead vacuum cleaner

Model	OL EDK 60	OL EDK 70	EDK 80 - 25 km/h	EDK 80 - 40 km/h
Article nr.	100019	100032	119241	119242
Perm. total weight kg	6.000	7.000	8.000	8.000
Dead weight approx kg	1.600	1.600	2.200	2.200
Bridge mm, LxWxH	4000 x 2100(2060) x 500	4000 x 2100(2060) x 500	4500 x 2240(2180) x 500	4500 x 2240(2180) x 500
Platform height approx. mm*	1.080	1.140	1.080	1.060
Tipping cylinder stages	4	4	4	4
Max. axle loading capacity kg	7.000	8.000	8.000	8.000
Track width approx. mm	1.700	1.700	1.700	1.700
Tyres	13.0/75-16 TL 10 PR AW <sup>1</sup>	12.5/80-18/142 A8 <sup>1</sup>	400/60-15.5 TL 145 A8 Flotation+	19.0/45-17 18PR AW 708 BKT2
Brake system	Overrun automatic reverse drive	Haldex DruckluftBrake system	Overrun autom	atic reverse drive

<sup>\*</sup> Height depending on tyre size (brand)

## 3-way tipping trailers TANDEM



#### Fully developed, stable in value and rugged







#### The compressed air giant





#### **Standard equipment**

- Torsion resistant chassis of rugged rectangular pipe frame
- 5mm floor plate
- Dual-circuit compressed air brake system
- Perfect dense construction: 2,5mm Side panels with high quality Hestal & Bernhofer fasteners
- Steel Side panels (lateral walls and rear wall) separately pendant, central locking on 3 sides, skirting board, grain slider, tensioning ropes
- Conical bridge, screwed end stanchions
- BPW axle suitable for 25/40 km/h, wide track
- Foldable supporting wheel
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation
- Lower construction on option

Model	OL TDK 80 S	OL TDK 80	OL TDK 120	OL TDK 130	OL TDK 140
Article nr.	103642	100037	100050	103618	103547
Perm. total weight kg	8.000	8.000	12.000	13.000	14.000
Dead weight approx kg	2.100	2.480	2.500	2.700	3.000
Bridge mm, LxWxH	4000 x 2100(2060) x 500	4500 x 2240(2180) x 500	4500 x 2240(2180) x 600	4500 x 2240(2180) x 600	4500 x 2240(2180) x 600
Platform height ca. mm *	1.180	1.115	1.150	1.150	1.390
Tipping cylinder stages	4	4	5	5	5
Max. axle loading capacity kg	11.000	11.000	12.400	12.400	18.000
Track width approx. mm	1.700	1.700	1.700	1.700	1.850
Tyres	13.0/75-16 TL 10 PR AW (135A8) <sup>2</sup>	13.0/75-16 TL 10 PR AW (135A8) <sup>2</sup>	12.5/80-18/142 A8 <sup>2</sup>	12.5/80-18/142 A8 <sup>2</sup>	385/65R 22,5 retreaded

Height depending on tyre size (brand

## 3-way tipping trailers TANDEM



#### The allrounder



#### **Standard equipment**

- Torsion resistant chassis of rugged rectangular pipe frame, sprung drawbar
- Dual-circuit compressed air brake system, ALB
- Perfect dense construction: 2,5mm wall thickness, side panels with high quality Hestal & Bernhofer fasteners
- Steel side panels (lateral walls and tailboard) with centre stanchions, separately pendant, skirting board, grain slider
- Vertical rubber seal
- Central locking on 3 sides, screwed end stanchions
- BPW axle suitable for 25/40/60 km/h
- Hydraulic support leg double-acting
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation













Silage rear wall

Substructure

Silage rear wall

Substructure

Model	OL TDK 160	OL TDK 180	OL TDK 200
Article nr.	100056	103565	100061
Perm. total weight kg	16.000	18.000	20.000
Dead weight approx kg	3.300	3.800	4.600
Bridge mm, LxWxH	5000 x 2360(2300) x 600	5000 x 2360(2300) x 600	5240 x 2420 x 800 x 800
Platform height ca.mm *	1.390	1.390	1.460
Tipping cylinder stages	5	5	5
Max. axle loading capacity kg	18.000	25.000	20.000
Track width approx. mm	1.850	1.850	1.950
Tyres	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded <sup>3</sup>
Brake system	Dual-circuit pneumatic	Dual-circuit pneumatic	Dual-circuit pneumatic, ALB

Height depending on tyre size (brand)

# 3-way tipping trailers

#### Two-axle

#### The universal vehicles







ZDK 160 laterally tilted



ZDK 160 tilted backwards

#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Dual-circuit compressed air brake system, 4-wheel braked
- Perfect dense construction: 2,5mm thick side panels with high quality Hestal & Bernhofer fasteners
- Steel side panels separately pendant, skirting board, tensioning ropes, grain slider
- Conical bridge, central locking on 3 sides, screwed end stanchions
- BPW axle suitable for 25/40 km/h
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation







Model	OL ZDK 70 S	OL ZDK 80	OL ZDK 120	OL ZDK 160
Article nr.	101605	100072	100124	132560
Perm. total weight kg	7.000 / 8.000	8.000	12.000	16.000
Dead weight approx kg	2.000	2.600	3.000	3.400
Bridge mm, LxWxH	4070 x 2030 x 500	4500 x 2240(2180) x 500	4500 x 2240(2180) x 600	5000 x 2360(2300) x 600
Platform height ca. mm *	1.080	1.170	1.310	1.340
Tipping cylinder stages	4	4	4	5
Max. axle loading capacity kg	12.000	12.000	12.600	20.000
Track width approx. mm	1.700	1.700	1.700	1.850
Tyres	260/70-15.3 TL 126A8 Flotation+1	13.0/75-16 TL 10 PR AW (135A8) <sup>1</sup>	12.5/80-18/142 A8 <sup>1</sup>	385/65 R 22,5 retreaded <sup>2</sup>
Brake system	Overrun automa- tic reverse drive, 4-wheel braked	Overrun automatic reverse drive, 4-wheel braked	Dual-circuit pneuma- tic, 4-wheel braked	Dual-circuit pneumatic, 4-wheel braked

ZDK 120 with tarpaulin





OL ZDK 180 U with attachment and rolling



With bows and tension belts

#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Dual-circuit compressed air brake system, 4-wheel braked
- Reinforced continuous steel side panels separately pendant, with skirting board, grain slider and tensioning ropes
- Conical bridge, central locking on 3 sides, screwed end stanchions
- BPW axle suitable for 25/40 km/h
- ALB on one axle infront
- Second oil and compressed air supply relocated to the rear with three-way valve for second trailer
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Oversized tipping cylinder, 5-stages, 1850 mm stroke, cardan bearing with hard chrome plated piston rod and automatic stroke limitation





Rugged substructure

Model	OL ZDK 180 U
Article nr.	115522
Inner platform dimensions	5000 x 2360(2300) x 800 mm
Standard tyres	385/65 R 22,5 retreaded <sup>2</sup>
Dead weight kg	4.000
Total length mm	7.125
Total width mm	2.550
Side walls mm	800
On-top board mm	Optional
Platform height mm	1.420
Base plate	5 mm continuous, unwelded
Track width mm	1.850
Max. axle loading capacity kg	20.000
Tipping cylinder stages	5
Cylinder stroke length	1.875
Cylinder stages mm	75-90-105-120-140
max. Lifting force	27,7 t
max. Operating pressure	180 bar
Required oil quantity	18,6 l

<sup>\*</sup> Height depending on tyre size (brand)

# **ZDK 180 UW viticulture version** for viticulture and grain harvesting









### Advantages that might convince you:

- Extremely low platform height 1,26 m
- Very good overloading height 2,46 m
- Low pressure tyres
- Convenient operation of the hydraulic side panel opening
- With two cylinders on each side (left and right side)
- Side panel lifting springs infront, usable for grain transportation (optional)
- Duo-matic trailer on tractor side (optional)





		CONTROL OF THE PROPERTY OF THE
	Model	ZDK 180 UW
	permitted total weight kg	18.000 kg
0	Tyres	455/40 R 22,5 160J TL, AgricultureMAX MZL
	Bridge mm, LxWxH	5010 x 2300 (2360) x 600 + 600
	Total length mm	7115
	Total width mm	ca. 2520
	Side panels mm	600 + 600
	Platform height mm	1260
	Side panel reinforcement vineyard version	Standard
	Hydraulic Side panel opening on both sides, left and right, with 2 cylinders on each side	Option
がかり	Lifting springs	Option
		NEW TOTAL STREET, THE STREET,







Model	OL ZDK 180
Article nr.	100076
Perm. total weight kg	18.000
Dead weight approx kg	4.300
Bridge mm, LxWxH	5240x2420x800x800
Platform height ca.mm*	1.420
Tipping cylinder stages	5
Max. axle loading capacity kg	23.000
Track width approx. mm	1.950
Tyres	385/65 R 22,5 retrea- ded <sup>3</sup>
Brake system	Dual-circuit pneuma- tic, 4-wheel braked

\* Height depending on tyre size (brand)



# Lateral side panels horizontally divided



# THE NEW GENERATION The lightweight with plastic side panels

#### Advantages of plastic panels:

- Weight reduction of up to 10%, depending on version
- 100% UV resistant
- Extreme stability: plastic is also used more and more for truck box bodies
- Over 20m³ ca<sup>p</sup>acity
- Available in two axle or tandem version

#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Dual-circuit compressed air brake system, 4-wheel braked
- Perfect dense construction: 2,5mm thick side panels with high quality Hestal & Bernhofer fasteners
- Reinforced plastic portal gates with centre stanchion (detachable), grain slider
- Pallet sized bridge, central locking on 3 sides, 12 pallets
- Vertical and horizontal rubber seal (platform)
- BPW axle suitable for 25/40/60 km/h
- ALB on both axles
- Second oil and compressed air supply relocated to the rear with three-way valve for second trailer
- 12 Volt lighting system, power socket at the rear
- Base plate ACC immersion primed and powder coated
- Side panels 2K lacquered
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation

Model	OL ZDK 180 P
Article nr.	104458
Perm. total weight kg	18.000
Dead weight approx kg	4.000
Bridge mm, LxWxH	5270x2420x1600
Platform height ca.mm*	1.420
Tipping cylinder stages	5
Max. axle loading capacity kg	23.000
Track width approx. mm	1.950
Tyres	385/65 R 22,5 retreaded <sup>3</sup>
Brake system	Dual-circuit pneumatic, 4-wheel braked
* II. in the discount in the same in the Country of the country	A PART OF THE PROPERTY OF THE PARTY OF THE P

Height depending on tyre size (brand

#### Chipper truck with hydraulic side panel









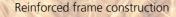
Tilting backwards

#### for wood chip, silage, manure or grain transportation

#### **Standard equipment**

- Torsion resistant chassis of closed stable C-frame
- Dual-circuit compressed air brake system, 4-wheel braked
- Perfect dense construction: 2,5mm wall thickness, side panels with high quality Hestal & Bernhofer fasteners
- Reinforced continuous steel side panels, left in driving direction: hydraulic side panels, right in driving direction and rear wall: separately pendant, grain slider
- Pallet sized bridge, Central locking on 3 sides, screwed end stanchions
- Vertical rubber seal for hydraulic wall
- BPW axle suitable for 25/40/60 km/h
- ALB on both axles
- Second oil and compressed air supply relocated to the rear with three-way valve for second trailer
- 12 Volt lighting system, power socket at the rear
- ACC immersion primer and powder coating
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, 5-stages, 1875 mm stroke, cardan bearing with hard chrome plated piston rod and automatic stroke limitation







Optionally with grain screw

Model	OL ZDK HW 180
Article nr.	130909
Perm. total weight kg	18.000
Dead weight approx kg	4.600
Bridge mm, LxWxH	5000x2420x800x800, Palettenmaß
Platform height approx. mm*	1.420
Tipping cylinder stages	5
Max. axle loading capacity kg	22.000
Track width approx. mm	2.050
Tyres	385/65 R 22,5 retreaded <sup>3</sup>
Brake system	Dual-circuit pneumatic, 4-wheel braked

\* Height depending on tyre size (brand)

# We show greatness for large farms and agricultural contractors







#### **Standard equipment**

- Loading capacity from 28m³ up
- Extreme stability, 5mm continuous unwelded base plate
- ACC immersion primer and powder coating
- Tarpaulin attachment optionally possible
- Maximum speed up to 60 km/h
- LED lamps optionally available
- Dual-circuit compressed air brake system, 6-wheel braked
- Torsion resistant chassis of rugged rectangular pipe frame
- Perfect dense construction: 2,5mm thick side panels with high quality Hestal & Bernhofer fasteners
- Reinforced steel side panels with centre stanchions and grain slider
- Pallet sized bridge, central locking on 3 sides, screwed end stanchions (16 pallets)
- Vertical rubber seal
- BPW axle suitable for 25/40/60 km/h
- ALB standard
- 12 Volt lighting system, power socket at the rear, Optionally with LED lamps
- ACC immersion primer and powder coating, 2K lacquering
- Precision ball tilt bearing with cross-over safety fuse
- Oversized tipping cylinder, 5-stages, 3025mm stroke, cardan bearing with hard chrome plated piston rod and automatic stroke limitation





	Model	OL DDK 240
	Article nr.	100083
	Perm. total weight kg	24.000
L	Dead weight approx kg	6.800
	Bridge mm, LxWxH	7250 x 2420 x 800 x 800
	Platform height approx. mm*	1.510
	Tipping cylinder stages	5
	Max. axle loading capacity kg	verst. Parabolic suspension 11.500
	Track width approx. mm	1.950
	Tyres	385/65 R 22,5 rd.
1	Brake system	Dual-circuit pneumatic, 6 wheeld gebremst
	THE ROY OF LOW ROW LOW LOW LOW LOW LOW LOW LOW LOW LOW L	THE RESERVE THE PARTY OF THE PA

#### Bale trailers from 8.000 - 24.000 kg





Side panel grille, foldable front and rear





OL DDK 240 B -Three-axle bale trailer



# Novelty: The combined solution - bale trailers with stanchions

Model	OL ZDK 80 B	OL ZDK 120 B	OL ZDK 180 B	OL DDK 240 B
Article nr.	115526 / 115527	115528 / 115529	119563	104133
Total weight kg	8000	12000	18.000	24000
Platform length mm	8000 / 9000	8.010	9.000	9900
Loading length mm	9.120 / 8.800	9.380 / 9.100	10.770 / 9.990	10.000
Total width mm	2.475	2.450	2450	2.400
Dual-circuit pneumatic brake system	-	Standard	Standard	Standard
Overrun automatic reverse drive system	Standard	-	-	-

## The patented load securing system for more safety



OL DDK 240 BK / Three-axle bale trailer with load securing system "Krassort"



Hydraulic clamping gate adjustment



• High safety during transport of round and square bales

- No time wasting securing with lashing belts necessary
- Easy loading and unloading due to hydraulic clamping gates
- Transportation of up to 32 round and square bales possible
- Bale trailer's chassis made of closed C-frame that provides maximum stability
- More safety due to check valve
- Including DEKRA load securing certificate



Vehicle front panel control



Rugged substructure





**Patentiertes** 

System



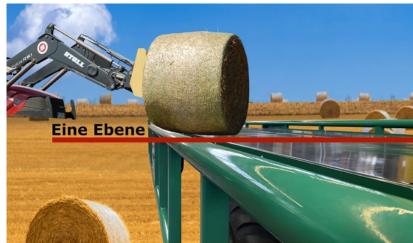
Parabolic suspension

Model	OL DDK 240 BK
Article nr.	130909
Perm. total weight kg	24.000
Platform length mm	10.300
Loading length mm	10.300
Total width mm	2.488
Brake system	Dual-circuit pneumatic
Hydraulically adjustable clamping gate	Standard
Clamping gate height mm	2.575





# Unique loading system: lowerable to platform height



Adjustable securing bar for large box transport



Adjustable securing bar for large box transport

## Loading of up to 32 bales



Loading with square bales



Safe load securing



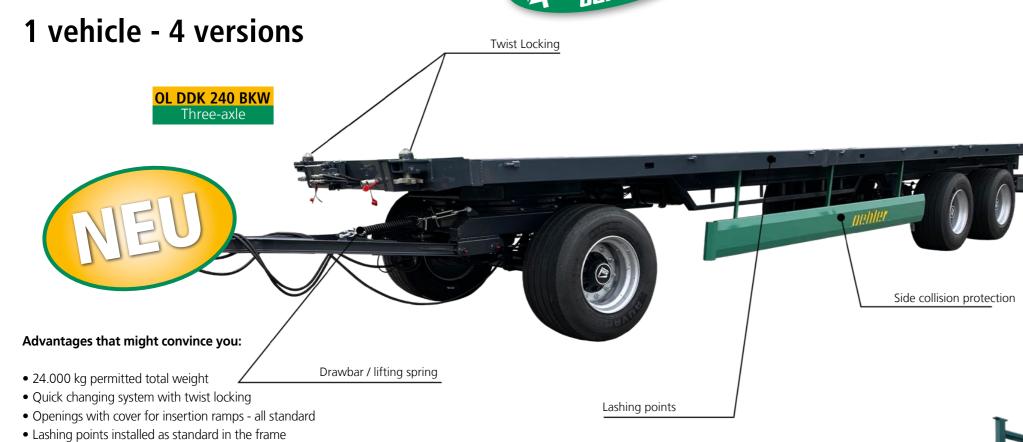
Transportation of square bales



# Conversion system Three-axle



#### **Cross-seasonal use**



#### **Basic vehicle including:**

- Preparation stanchions
- Preparation side panels
- Preparation clamping gate
- Twist locking system / Closure for quick conversion system



Lashing points



Openings insertion ramps



Twist Locking System



rear lights

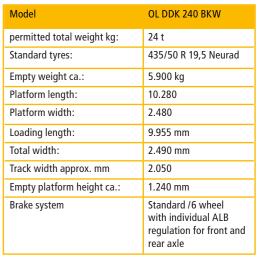


Model	OL DDK 240 BKW + Holzrückefahrzeug
Stanchions	6 Pair of stanchions
Stanchion height mm	1.000
Front grille mm	1.500
Loading length mm	9.955
Loading width inner stanchions	2.200
Total length mm	11.945
Total width mm	2.490
Platform length mm	10.280
Platform width mm	2.480
Total length mm	11.945
Dead weight stanchions approx ca.	450 kg



Model	OL DDK 240 BKW + hydraulic Clamping gate
Clamping gate	Lateral hydr clamping gate, adjus- table
Clamping gate height mm	2.565
Loading capacity bales ø 1,25m	34 Bales
Ladder	Integrated into Clamping gate
Outrigger with wheels	Integrated into Clamping gate
Inner loading length mm	10.000
Total length mm	11.945
Total width mm	2.490
Platform length inkl. Gate mm	10.735
Platform width mm	2.480
Weight gate mounting approx.	2.200 kg

Detachable gate





Side panels, stanchions, hydraulic clamping





Model	OL DDK 240 BKW + Side panels
Side panels	500 mm , Foldable (downwards)
Dead weight on-top Side panels approx kg	420
Inner loading length mm	9.815
Total length mm	11.945
Total width mm	2.550
Platform length mm	10.735
Inner platform width mm	2.425
Outer Platform width mm	2.550

## Box transportation Two-axle / Three-axle

Box transportation trailer 8.000 - 24.000 kg with patented load securing system











Hydraulic clamping gate adjustment



Hydraulic clamping gate adjustment

# Compatible with different box sizes 580 / 630 / 760 / 850 mm

- High safety during transport of large boxes and common boxes
- Several boxes can be stacked on top of each other
- Loading and unloading possible on each side
- Chassis made of closed C-frame that provides maximum stability
- Including DEKRA load securing certificate







Model	OL ZDK 180 BK - Box	OL DDK 240 BK - Box
Article nr.	122889	122891
Total weight kg	18.000	24.000
Platform length mm	9.810	10.300
Loading length mm	5.000	10.300
Total width mm	2.488	2.488
Brake system	Dual-circuit pneumatic	Dual-circuit pneumatic
Hydraulically adjustable clamping gate	Standard	Standard

# **Tipping body trailer**















## The professional trough

- Rugged, torsion resistant frame construction
- Hydraulic rear wall with check valve, readjustment option and rubber gasket
- Trough wall thickness 4 mm
- 5 mm Base plate
- BPW axle suitable for 25/40 km/h
- Conical halfpipe dumping body ensures unproblematic sliding
- Hard chrome plated lifting cylinder with cardan bearing
- Stable underride protection
- Also available as single-axle trailer (13t)
- Sprung drawbar
- Dual-circuit compressed air brake system
- Hydraulic support leg
- 12 Volt lighting system, power socket at the rear
- 2K lacquering (trough attachment)
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation valve
- Trough also available in HARDOX



Stable trough substructure

Model	OL TMK 130	OL TMK 150	OL TMK 160 Sumo	OL TMK 180 Sumo
Article nr.	103632	103556	100089	101656
Perm. total weight kg	13.000	15.000	16.000/17.000	18.000/19.000
Dead weight approx kg	3.000	3.500	4.500	4.800
Bridge mm, LxWxH	4500 x 2260(2200)x 1300	4500 x 2260(2200) x 1300	5000 x 2240(2300)x 1500	5000 x 2240(2300)x 1500
Platform height approx. mm*	1.120	1.300	1.360	1.360
Tipping cylinder stages	5	5	5	5
Max. axle loading capa- city kg	12.400	18.000	18.000	18.000
Track width approx. mm	1.700	1.850	1.850	1.850
Tyres	12.5/80-18/142 A8 <sup>2</sup>	385/65 R 22,5 retreaded	385/65 R 22,5 retreaded <sup>2</sup>	385/65 R 22,5 retreaded <sup>2</sup>
Brake system	Dual-circuit pneumatic	Dual-circuit pneumatic	Dual-circuit pneumatic	Dual-circuit pneumatic

# **Tipping body trailer**



## The absolute star among the troughs

#### **Standard equipment**

- Torsion resistant chassis of stable rectangular pipe frame, sprung drawbar
- Dual-circuit compressed air brake system
- ALB on both axles
- ACC immersion primed, powder coated
- Lateral walls 4 mm
- Base 5 mm
- Inspection window
- BPW axle suitable for 25/40/60 km/h
- Hydraulic support leg
- 12 Volt Lighting system, power socket at the rear
- 2K lacquering (trough attachment)
- Oversized tipping cylinder, cardan bearing with hard chrome plated piston rod and automatic stroke limitation valve





Conical trough

Model	OL TMK 202	OL TMK 202 S	OL TMK 203
Article nr.	103621	122548	103623
Perm. total weight kg	20.000 - 22.000	20.000 - 24.000	20.000 - 24.000
Dead weight approx kg	5.500	5.910	6.490
Bridge mm, LxWxH	5800 x 2300(2240) x 1500	6500 x 2300(2240) x 1500	7000 x 2300(2240) x 1500
Platform height approx. mm*	1.380	1.380	1.380
Tipping cylinder stages	5	5	6
Max. axle loading capa- city kg	20.000	20.000	20.000
Track width approx. mm	1.950	1.950	1.950
Tyres	385/65 R 22,5 retreaded <sup>3</sup>	385/65 R 22,5 retreaded <sup>3</sup>	385/65 R 22,5 retreaded <sup>3</sup>
Brake system	Dual-circuit pneu- matic	Dual-circuit pneu- matic	Dual-circuit pneu- matic

# Tipping body trailer TRIDEM

TMK 340 Tridem







# The transport giants Tridem-Tipping body trailer

#### **Standard equipment**

- Trough 5mm continuous base plate, walls 4mm
- Hydraulic axle support
- Sturdy lateral stanchions and box Professionalle on the upper edge of the trough guarantee incomparable stability
- Axle with ALB and forced steering as standard
- Sprung drawbar
- Hydraulic support leg
- Hydraulic tailgate double-acting cylinder
- Parabolic spring unit with hydraulic support optionally
- High support load gives the transport colossus good off-road capability



1		
	Model	OL TMK 340
1	Article nr.	113331
	Perm. total weight kg	34.000
	Dead weight approx kg	9.200
5	Bridge mm, LxWxH	8000 x 2300(2240) x 1500
	Platform height approx. mm*	1.470
	Tipping cylinder stages	6
	Max. axle loading capa- city kg	36.000
	Track width approx. mm	2.150
	Tyres	385/65 R 22,5 retreaded
	Brake system	Dual-circuit pneumatic, 6 wheel braked

<sup>\*</sup> Height depending on tyre size (brand)

# Tipping body trailer Tandem







#### Particularly extensive standard equipment::

- 5 mm HARDOX Base plate, 8 Lashing eyes on Base plate
- 600 mm HARDOX Side panel, Side panel lifting springs on the right and on the left, hydraulic ballast flap
- Torsion resistant chassis of rugged rectangular pipe frame, lower construction
- Dual-circuit compressed air brake system
- BPW axle suitable for 25/40 km/h
- Seat post winch
- Continuous oil and compressed air line to the rear
- ACC immersion primed, powder coated
- Oversized tipping cylinder, 5-stages, 1875 mm stroke, cardan bearing with hard chrome plated piston rod and automatic stroke limitation



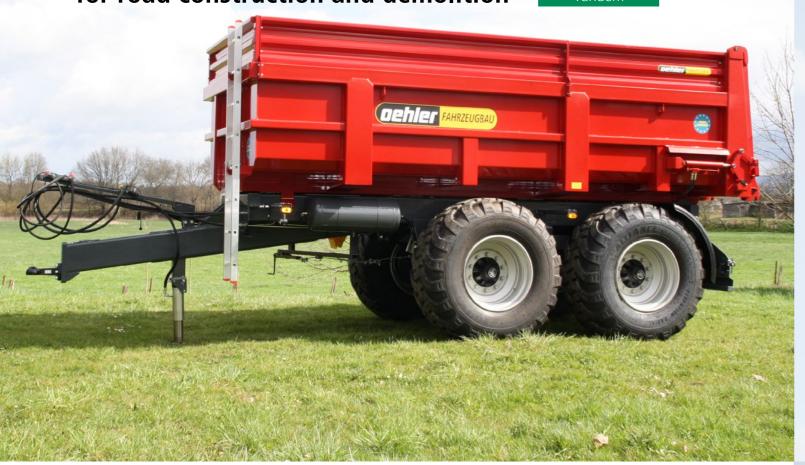
Model	OL TDK 180 N - HARDOX
Article nr.	132494
Perm. total weight kg	18.000
Dead weight approx kg	3.890
Bridge mm, LxWxH	5000x2360 (2300) x 600
Platform height ca.mm*	1.170
Tipping cylinder stages	5
Max. axle loading capacity kg	á 9.000
Track width approx. mm	1.850
Tyres	435/50 R 19,9 ET 0
Brake system	Dual-circuit pneumatic, 4-wheel braked

## Stone trough TANDEM

# BLACK FOREST HIGHTECH Dehler

Stone trough for road construction and demolition







Rear view



Hydraulic rear wall

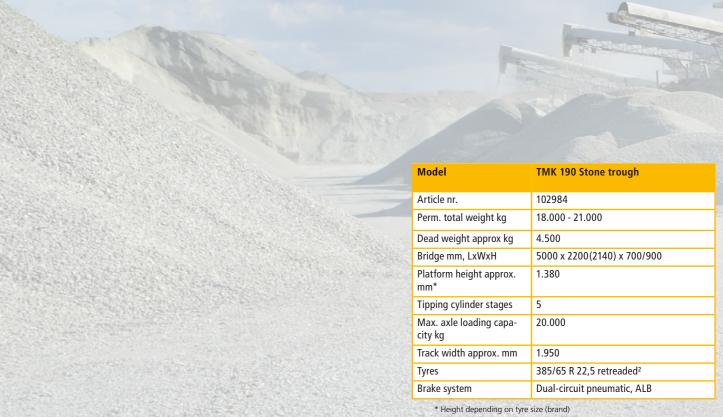


TMK 190 Stone tipping body trailer tilted, conical bridge wider at the rear than infront

#### **Exceptionally stable and indestructible**

#### Advantages that might convince you:

- 25/40/60 km/h Chassis
- Automatic tailboard
- Base plate 8 mm also available in HARDOX
- Reinforced lateral stanchions 6mm
- Exceptionally stable trough substructure
- Hydraulic support leg
- Durable maintenance-free axle unit
- Stable underride protection
- Maximum stability
- Torsion resistant chassis of rectangular pipe frame
- Stable axle construction
- Oversized lifting cylinder
- Large size tilt bearings
- Conical bridge
- 12 Volt lighting system, power socket at the rear
- 2K lacquering
- Cylinder, 5-stages, 1850mm stroke, hard chrome plated piston rod, cardanic bearing and automatic stroke limitation



# Halfpipe tipping body trailer TANDEM

## Low weight - extreme stability

#### **Perfect for soil transportation (sand/gravel)**

- Large side independent compensation
- Constant ride height, regardless of the loading condition
- Central lubrication system
- High load capacity plain bearing bush for centre axle beam

**OL HPM 300** 

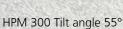
- Asymmetric pendulum structure for optimum driving characteristics
- Pendulum units are suitable for both off-road and on-road applications.

4t support load

**Trough:** 6mm HARDOX° 450 Trough Professionalle: 6mm DOMEX® 700



Wheel chocks







• BPW 30t Pendulum unit optional

• Longer service life due to extreme material hardness level (HARDOX450/DOMEX700) (HARDOX450/DOMEX700)

- Very wear resistant steel plate
- Compound unit up to 32 t.
- Heavy duty trough max. 105 km/h
- Extreme Tilt angle
- Low wear even under heavy mechanical loads
- Closed / low-wear ball head tilting bearing

Model	OL HPM 300	
Article nr.	105126	
Perm. total weight kg	22.000	
Perm. total weight kg (innerbetrieb- lich)	25.000	
Dead weight approx kg	7.000	
Bridge mm, LxWxH	5.200 x 2.210 (2280) x 1.300	
Transportation cap <sup>ac</sup> ity m³ (water measures)	12,5	
Platform height approx. mm*	1.310	
Tipping cylinder stages	4	
Max. axle loading capacity kg	32.000	
Track width approx. mm	1.950	
Tyres	560/60-22.5 TL 167 A8 Flotation	
Dual-circuit pneumatic brake system	Standard	
* Height depending on tyre size (brand)		



## Maneuverable Single-axle-Hook lift trailer with particularly narrow track





- BPW Axle 25/40 Km/h
- Compatible with all standard container types



- High maneuverability due to particularly narrow track
- Low roller height

#### **Optional attachments**



Roll-off container trough



Flatbed Roll-off container



Flatbed Roll-off container with crane



Flatbed Roll-off container







Support wheel and towing eye



OL EHKL 80 Underride protection with lamps



Fender and Side collision protection



OL EHKL 80 Container pickup position



Covers



Model	OL EHKL 80
Article nr.	117863
Perm. total weight kg	8.000
Support load Towing eyelet ca. kg	1.500
Weight ca. kg	1.800
Load capacity ca. kg	4.200
Lifting capacity ca. kg	5.100
Hook height ca. mm	900
Container thrust arm with stroke approx mm	900
Velocity	25 km/h
Operating pressure ca. bar	200
Oil requirement ca. ltr.	24.8
Tyres	480/45-17 146 A8
Possible container length approx. mm	3.500

## **Hook lift trailer**

## **Tandem Hook lift trailer THKL 130** for agriculture, forestry, groundworks and rubble





• Compatible with all available standard container types

• Speeds: 25/40 km/h

• Loading and unloading of the load can be carried out conveniently at ground level



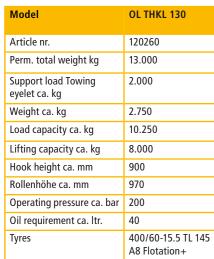


Mounting plate for crane superstructure



OL THKL 130 extendable underride protection

Model	OL THKL 130
Article nr.	120260
Perm. total weight kg	13.000
Support load Towing eyelet ca. kg	2.000
Weight ca. kg	2.750
Load capacity ca. kg	10.250
Lifting capacity ca. kg	8.000
Hook height ca. mm	900
Rollenhöhe ca. mm	970
Operating pressure ca. bar	200
Oil requirement ca. ltr.	40
Tyres	400/60-15.5 TL 145 A8 Flotation+
Possible container length approx. mm	3.400 - 5.200, optimum at 4.700



Hook lift with built up Z-crane (optionally)

## **Hook lift trailer**

## **Heavy load Hook lift trailer THKL 200** for agriculture, forestry, groundworks and rubble





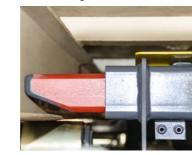


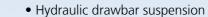


Container cover









• Speeds: 25/40/60 km/h



Lift hook lift unit,

**LIFT** high lifting and tilting force

- Low dead weight high payload
- Withstands even the toughest loads
- Compatible with all available standard container types
- Hydraulic locking standard
- Available with different speeds
- Hook made of WELDOX 700 guarantees high durability
- Loading and unloading of the load can be carried out conveniently at
- Low lifting angle due to 1200mm thrust arm





WELDOX 700

DOMEX 420 MX



Model	OL THKL 200
Article nr.	106489
Perm. total weight kg	20.000 - 22.000
Support load Towing eyelet ca. kg	2000/3000/4000
Weight ca. kg	4.800
Load capacity ca. kg	15.500
Lifting capacity ca. kg	18.000
Hook height ca. mm	1.570
Container thrust arm with stroke approx mm	1.200
Velocity	40 km/h
Operating pressure ca. bar	200
Oil requirement ca. ltr.	80-85
Tyres Standard	385/65 R 22,5
Possible container length approx. mm	4.200 - 6.500, optimal 6.000

## Hook lift trailer TRIDEM

## **Heavy load Hook lift trailer 30t** with forced steering 1st and 3rd axle





THKL 300 / Tridem Hook lift with Container



Container pick-up



Joystick steering (optional)

- Hydraulic drawbar suspension
- Speeds: 25/40/60 km/h
- high lifting and tilting force

Hook lift unit,

- High payload
- Withstands even the toughest loads
- Compatible with all available standard container types
- Hydraulic locking standard
- Available with different speeds
- Hook made of WELDOX 700 guarantees high resistance
- Loading and unloading of the load can be carried out conveniently at ground level



THKL 300 / Tridem hook lift with trough



Sand-transport





Double cylinder

Model	OL THKL 300
Article nr.	113233
Perm. total weight kg	30.000
Support load Towing eyelet ca. kg	3000/4000
Weight ca. kg	6.500
Load capacity ca. kg	23.500
Lifting capacity ca. kg	26.000
Hook height ca. mm	1.570
Container thrust arm with stroke approx mm	1.500
Velocity	40 km/h
Operating pressure ca. bar	200
Oil requirement ca. ltr.	90-100
Tyres	385/65 R 22,5 retreaded <sup>3</sup>
Possible container length approx. mm	5.100 - 7.500

# Manure spreader Single-axle

## Manure spreader with "Danfoss" hydraulic "Let the quality decide"





Ladder



Spreading unit pro-



PTO connection for spreading disc



Gearbox and "Danfoss" oil motor



OL STE 80 with sluice gate



Scraper floor chain



# Approved spreading accuracy

- Fine spreading unit with 4 vertical rollers
- Spreading unit:
- detachable
- electronically balanced
- screwed ripping tines (rotatable)
- Galvanized, rugged scraper floor chains
- Reinforced, screwed scraper floor strips
- "Danfoss" hydraulics with continuously adjustable speed forwards + backwards
- Wear-resistant floor panels (resin-coated plywood)





Automatic scraper floor locking device

			100
Model	OL STE 60	OL STE 70	OL STE 80
Article nr.	100159	100160	100162
Perm. total weight kg	6.000	7.000	8.000
Loading platform (inner dimensions), ca. L x W x H mm	4160x1750x500	4160 x 1750 x 500	4700 x 1900 x 600
Add. superstructure Side panel mm	400	400	500
Scraper floor chains	2 Chains	2 Chains	4 Chains
BPW suitable for 40 km/h, max. capacity kg at 25 km/h	6.500	8.000	Sprung tandem 12.000
Track width mm	1.500	1.700	1.700
Tyres	13.0/75-16 TL 10 PR AW (135A8)	12.5/80-18/142 A8 <sup>1</sup>	500/50-17 149 A8(500/50-17/14PR)
Overrun automatic reverse drive system	Standard	-	Standard
Oil brake system	-	Optional	-
Dual-circuit pneumatic brake system	-	Standard	-
4 vertical rollers (wide spreading unit)	Standard	Standard	Standard
Hydraulic scraper floor drive with quick draining, infinitely variable, feed with forward and return	Standard	-	Standard
Spreading unit opening mm	1.000	1.000	1.200
Spreading unit height max. mm	1.100	1.100	1.360
Operating width (depending on manure texture) mm and lateral ladder	max. 7000	max. 7000	max. 8000
All protective devices, protective grille at the front	Standard	Standard	Standard
Lighting system and wheel chocks	Standard	Standard	Standard

## Manure spreader Single-axle

## The professional spreader trough

Frontal stone guard

Hydraulic system

- very robust model
- Flat triangular spread pattern with very good overlap
- up to 17 m³ capacity



Sluice gate standard

Wheel chocks

continuously adjustable forward and backward flow speed of scraper floor



Sprung drawbar up to max. 4 t. support load

2 vertical spreading rollers, fine spreading unit





5 mm Base plate

Very narrow box size

Model	OL STE 140
Article nr.	106444
Perm. total weight kg	14.000
Loading platform (inner dimensions), ca. L x W x H mm	5500 (2000-1450) x 1350
Add. superstructure Side panel mm	250
Scraper floor chains	2 Chains
ADR suitable for 40 km/h, max capacity at 25 km/h	13.000
Track width mm	2.250
Tyres	23.0 - 26
Overrun automatic reverse drive system	-
Oil brake system	Optional
Dual-circuit pneumatic brake system	Standard
4 vertical rollers (fine spreading unit)	-
2 vertical rollers (wide spreading unit)	Standard
Hydraulic scraper floor drive with quick draining, infinitely variable, feed with forward and return	Standard
Spreading unit opening mm	1.600
Spreading unit height max. mm	1.600
Operating width (depending on manure texture) mm and lateral ladder	max. 12000
All protective devices, protective grille at the front	Standard
Lighting system and wheel chocks	Standard

## Manure spreader TANDEM





4 Vertical spreading rollers



OL STT 80 with sluice gate and hydraulic spreading protection



Automatic scraper floor clamping device

## High loading capacity and spreading accuracy of highest quality



# Tested Spreading accuracy

- Fine spreading unit with 4 vertical rollers
- Spreading unit: -detachable
  - electronically balanced
  - screwed ripping tines (rotatable)
- Galvanized, rugged scraper floor chains
- Reinforced, screw-fastened scraper floor strips
- "Danfoss" hydraulics with continuously adjustable speed forwards + backward
- wear-resistant floor (Resin-coated plywood)
- precise and durable construction
- 4 scraper floor chains (hardened) 10x35mm,
- 12t tearing force guided in U-profiles, very low wear
- Forward and backward with quick unloading device



Scraper floor strips, hydraulic sluice gate

	Model	OL STT 80	OL STT 130
	Article nr.	100163	103630
	Perm. total weight kg	8.000	13.000
	Loading platform (inner dimensions), ca. L x W x H mm	4.700 1.900 x 600	4.700 x 1.900 x 600
	Add. superstructure Side panel mm	500	500
	Scraper floor chains	4 Chains	4 Chains
	BPW suitable for 40 km/h, max. capacity kg at 25 km/h	Sprung tandem 12.000	Sprung tandem 12.400
	Track width mm	1.700	1.700
	Tyres	500/50 - 17 146 A8 13.0/75-16 10 PR	12.5/80-18/12PR
	Overrun automatic reverse drive system	Standard	-
	Oil brake system	-	Optional
	Dual-circuit pneumatic brake system	-	Standard
	4 vertical rollers (fine spreading unit)	Standard	Standard
	2 horizontal rollers (wide spreading unit)	-	-
	Hydraulic scraper floor drive with quick draining, infinitely variable, feed with forward and return	Standard	Standard
	Spreading unit opening mm	1.200	1.200
	Spreading unit height max. mm	1.360	1.360
18.0	Operating width (depending on manure texture) mm and lateral ladder	max. 8.000	max. 8.000
0	All protective devices, protective grille at the front	Standard	Standard
	Lighting system and wheel chocks	Standard	Standard

## Manure spreader TANDEM

## Manure spreader with wide spreading unit





#### Advantages that might convince you:

- Hydraulic sluice gate installed standardly
- 11 cubic meters loading capacity
- Exact spreading distribution even with low application rates
- Especially suitable for dry chicken manure, compost and other substances

#### Chassis

- Stable profile pipe frame
- Tandem spring unit for particularly high driving comfort
- BPW axles 25/40 km/h optionally
- Haldex, 4-wheel pneumatic brake
- TÜV 25 km/h 40km/h as option

#### Universal wide spreading unit

- 2 horizontal milling rollers with 2 spreading plates
- HARDOX ejector blade
- Spreading unit with quick exchange system
- Sluice gate with dosage display
- 4 scraper floor chains (hardened) 10x35mm,
- 12t tearing force guided in U-profiles, very low wear
- Forward and backward with quick unloading device
- Reinforced, screwed on scraper floor strips



Model	OL STT 130 M
Article nr.	128631
Perm. total weight kg	13.000
Loading platform (inner dimensions), ca. L x W x H mm	4.710 x 1.950 x 1.200
Scraper floor chains	4 Chains
BPW suitable for 40 km/h, max. capacity kg at 25 km/h	Gefedert 12.400
Track width mm	1.700
Tyres	12.5/80-18 142 A8
Dual-circuit pneumatic brake system	Standard
2 horizontal rollers (wide spreading unit)	Standard
Spreading unit passage mm	1.940
Spreading unit height max. mm	1.200
Operating width (depending on manure texture) mm and lateral ladder	15-18
All protective devices, protective grille at the front	Standard
Lighting system and wheel chocks	Standard

## Manure spreader TANDEM



STT 180 – 18 t Manure spreader • also available with 21t or 24t permitted total weight



STT 180 Rear view



Drive via cardan shaft



Chain tensioning device

# High loading capacity and Spreading accuracy of the highest order

#### The professional universal wide spreader:

- Robust, easy handling
- Solid steel tank with 4mm wall, 5mm floor
- Hydraulic sprung drawbar for high driving comfort
- Scraper floor (reinforced) with 4 screwed on scraper floor strips and hydraulic forward and backward
- Spreading unit with cardan drive (no chains, less wear)
- **HARDOX**® ejector blades



Two spreading



STT 180 wide spreading unit



Scraper floor strips, hydraulic sluice gate





STT180 with lateral spreading border

Model	OL STT 180
Article nr.	117864/118438/11843
Perm. total weight kg	18.000/21.000/24.000
Loading platform (inner dimensions), ca. L x W x H mm	5.190 1.940 x 1.300
Add. superstructure Side panel mm	100
Scraper floor chains	4 Chains
BPW suitable for 40 km/h, max. capacity kg at 25 km/h	Sprung tandem 18.000
Track width mm	1.950
Tyres	560/60 - 22.5 TL 167 / Flotation
Overrun automatic reverse drive system	-
Oil brake system	Optional
Dual-circuit pneumatic brake system	Standard
4 vertical rollers (fine spreading unit)	-
2 horizontal rollers (wide spreading unit)	Standard
Hydraulic scraper floor drive with quick draining, infinitely variable, feed with forward and return	Standard
Spreading unit opening mm	1.940
Spreading unit height max. mm	1.400
Operating width (depending on manure texture) mm and lateral ladder	max. 12.000
All protective devices, protective grille at the front	Standard
Lighting system and wheel chocks	Standard

# **Sweep-off carriage** OL ASW 200 oehler FAHRZEUGB

# The new push-off technique "Transport technology of the future"

- High loading capacity
- Hydraulic support leg
- Top and bottom hitch with drawbar suspension
- Different sliding seals
- Transport goods can be compacted or dosed
- Stable trough construction, 4mm wall thickness, 5mm floor continuous - unwelded
- Vertical stanchions and box Professionalle on the upper edge of the trough increase stability
- Hydraulic tailgate for additional loading capacity, grainproof
- Powerful industrial strength hydraulic cylinders for sliding technology
- No stability problems because of push-off technology
- Easy unloading: on uneven terrain as well as in low halls.

Alternatively available as transfer car with heavy-duty screw conveyor







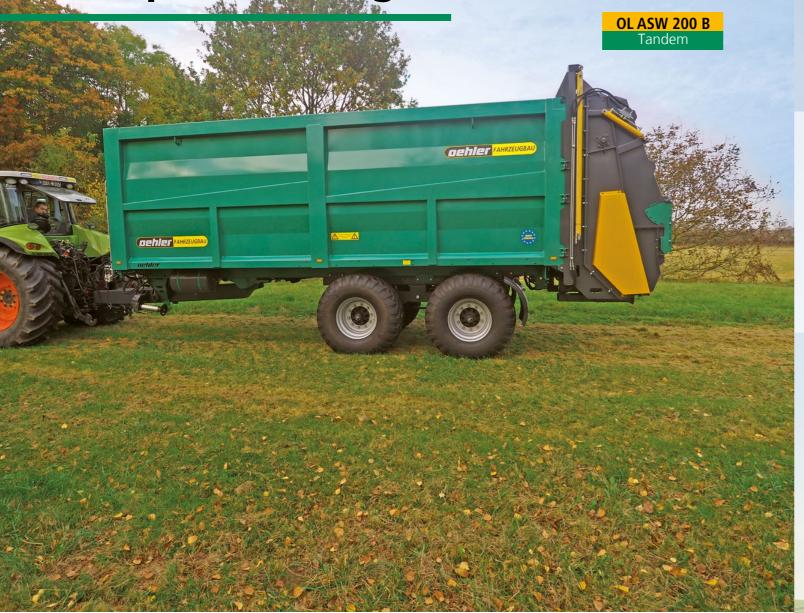






Model	OL ASW 200
Article nr.	100093
Perm. total weight kg	20.000 - 24.000
Dead weight approx kg	7.900
Bridge mm, LxWxH	7.000 x 2.300 x 2.000
Platform height approx. mm*	1.450
Max. axle loading capacity kg	10.000 kg
Track width approx. mm	1.950 / 2.150
Tyres	560/60-22.5 158 A8
Brake system	Dual-circuit pneumatic, 4 wheel

# Sweep-off carriage TANDEM



Conversion to manure spreader with wide spreading unit



Closed volume flap

# Sweep-off carriage combined with wide spreading unit, conversion to manure spreader

- High loading capacity
- Year round vehicle utilisation
- Uniform distribution accuracy due to wide spreading unit
- Extremely fast unloading time
- Universal use for spreading materials such as cattle and poultry manure, compost or lime
- All functions are easy to coordinate through one control device



Sweeping floor



Two large spreading plates

Model	OL ASW 200 B
Article nr.	116833
Perm. total weight kg	20.000 - 24.000
Dead weight approx kg	8.300
Bridge mm, LxWxH	7.000 x 2.300 x 2.000
Platform height approx. mm*	1.450
Max. axle loading capacity kg	10.000 kg
Track width approx. mm	1.950 / 2.150
Tyres	560/60-22.5 158 AB
Brake system	Dual-circuit-compressed air, 4-wheel with ALB regulation on front and rear axle

<sup>\*</sup> Height depending on tyre size (brand)

# Sweep-off carriage TRIDEM

The "Gigaliner" "With intelligent transport system"

# OLASW 340 Frider Public Plant Part Light Autour Plant Plant

Lateral view with large volume flap



heavy-duty screw conveyor

Sprung drawbar up to max. 4 t drawbar load



#### Advantages that might convince you:

- Robust trough construction (no simple sandwich elements, 5mm wall thickness, 5mm floor)
- Lateral stanchion reinforcement
- Up to 60% more loading capacity due to compaction (depending on cargo)
- Extremely fast unloading time
- Robust Oehler sweep-off system, also for heavy cargo
- Robolan minimal wear sliding Professionalles (truck standard)
- Low construction resulting in a favorable center of gravity
- Highest stability
- High loading capacity up to 50 m<sup>3</sup>
- Low unloading height
- Lower wear compared to scraper floor / chain floor
- Reliable and robust (no serviceable wear parts)
- Automatic hose reel



with forced steering

Model	OL ASW 340
Article nr.	103570
Perm. total weight kg	34.000
Dead weight approx kg	11.500
Bridge mm, LxWxH	9.000 x 2.300 x 2.000/2.500
Platform height approx. mm*	1.500
Max. axle loading capacity kg	Adjustable parabolic suspension, max. capacity at 60 km/h
Track width approx. mm	2.150
Tyres	560/60-22.5 158 AB
Brake system	Dual-circuit pneumatic, 6 wheel
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\* Height depending on tyre size (brand)

# **Combination vehicles**

# The best-selling Combination vehicles The ideal vehicle for a year round utilisation

**OL TDK 180** 

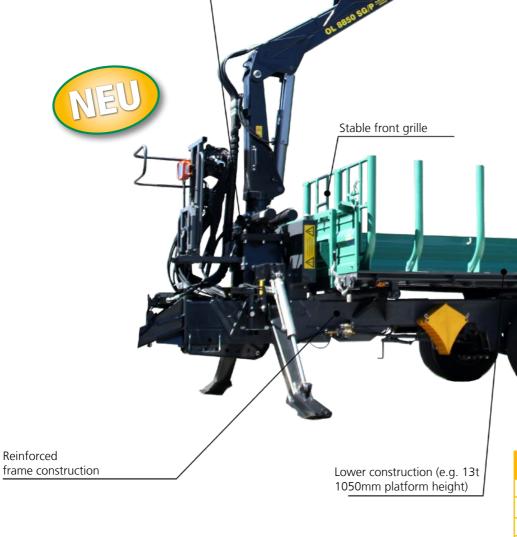
**Tandem** 





OL EDK 60 K





Detachable crane with 3-point

linkage for tractor attachment

# From 6t single-axle trailers to 18t tandem trailers

- The cheap alternative
- From a 100% 3-way tipping trailer with little conversion time to a full-featured forest trailer
- Different crane attachments (also Z-cranes) available
- Robust, low construction high off-road capability
- All vehicles standard with 5mm floor plate conical bridge
- High loading capacity
- All vehicles with BPW axles (16t ADR axles)

Stanchion pipe 8mm wall

Base plate 5 mm

Underride protection

• All vehicles available with TÜV approval up to 40 km/h at maximum payload



OL TDK 80 K with attachment and crane OL 7000 / SG

10

10

Model	OL EDK 60 K	OL EDK 70 K	OL TDK 80 S K	OL TDK 80 K	OL TDK 120 K	OL TDK 130 K	OL TDK 160 K
Article nr.	100019 + 100029	100032 + 100029	103642 + 100029	100037 + 101436	100050 + 101436	103618 + 101436	100056 + 100138
Perm. total weight kg	6.000	7.000	8.000	8.000	12.000	13.000	16.000
Dead weight approx kg	1.600	1.600	1.800	2.480	2.560	2.700	3.300
Bridge measurements mm L x W x H	4000x2110(2060) x500	4000x2110(2060) x500	4000x2110(2060) x500	4500x2240(2180) x500	4500x2240(2180) x600	4500x2240(2180) x600	5000x2300(2360) x600
Platform height approx. mm*	990	990	1.180	1.180	1.180	1.210	1.320
BPW (Bergische Achsen) Capacity max. kg	6.500	8.000	11.000	11.000	12.400	12.400	18.000
Track width approx. mm	1.700	1.700	1.700	1.700	1.700	1.700	1.850
Tyres	13.0/75-16 TL 10 PR AW (135A8) <sup>1</sup>	12.5/80-18/12PR <sup>1</sup>	13.0/75-16 TL 10 PR AW (135A8) <sup>2</sup>	13.0/75-16 TL 10 PR AW (135A8) <sup>2</sup>	12.5/80-18/142 A8 <sup>2</sup>	12.5/80-18/142 A8 <sup>2</sup>	385/65 R 22,5 retreaded <sup>2</sup>
Brake system	Overrun automatic reverse drive	Dual-circuit pneu- matic	Overrun automatic reverse drive	Overrun automa- tic reverse drive	Dual-circuit pneumatic	Dual-circuit pneumatic	Dual-circuit pneu- matic

Stanchion holder for solid



Floor cap (grainproofed)



Robust, welded stanchion holder



Ladder and seat



Stanchions

BPW axle

25 - 40 km/h

High loading capacity

# The professional crane programme

- Cranes with 4,50 mtr. 9.10 mtr. range
- Robust crane pillar with oil bath slewing gearbox
- Standard with 3-point linkage for tractor hitch
- Stable wooden tongs with endless rotator
- Cranes developed for practical use
- Crane models suitable for different vehicle sizes
- Different wooden tongs available
- Joints bulged
- Monobloc cast iron housing, very stable and low wear







Model	OL 4500 SG/P	OL 5600 SG/P	OL 6700 SG/P	OL 7000 SG/P	OL 7400 SG/P	OL 7550 SG/P	OL 8850 SG/P
Article nr.	125150	125151	134342	125153	126989	126973	126975
Max. reach / incl tongs m	4.2 / 4.7	5.4 / 5.9	6.4 / 7.0	6.8 / 7.4	7.1 / 7.7	7.2 / 7.8	8.6 / 9.2
Stroke torque kNm	26 kNm	26 kNm	41 kNm	44 kNm	52 kNm	72 kNm	72 kNm
Swing torque kNm	6 kNm	7.5 kNm	12 kNm	12 kNm	15 kNm	19 kNm	19 kNm
Lifting force 4m**	570 kg	530 kg	820 kg	850 kg	980 kg	1.350 kg	1.200 kg
Lifting force max.**	540 kg	370 kg	450 kg	490 kg	560 kg	780 kg	510 kg
Swing cylinder	2	2	4	4	4	4	4
Telescope	nein	1.3 m	1.50 m	1.6 m	1.6 m	2.0 m	3.3 m
Wide angle joint	Ja						
Support	A-Support	A-Support	A-Support	Folding feet	Folding feet	Folding feet	Folding feet
Control system	Cross lever	6 mech. + 2 el.	6 mech. + 2 el.	6 mech. + 2 el.	6-fold mech.	6-fold mech.	6-fold mech.
Rotator	30 kN	30 kN	30 kN	30 kN	40 kN	50 kN	50 kN
Tongs m <sup>2</sup>	0.16 m <sup>2</sup>	0.16 m <sup>2</sup>	0.18 m <sup>2</sup>	0.18 m <sup>2</sup>	0.23 m <sup>2</sup>	0.23 m <sup>2</sup>	0.23 m <sup>2</sup>
Tongs Max spread	1.060 mm	1.060 mm	1.250 mm	1.250 mm	1.450 mm	1.450 mm	1.450 mm

# Professional crane OL 4500 SG/P



THK 80 S with retracted OL 4500 SG



THK 80 S with OL 4500 SG/P without telescope



Wide angle joint



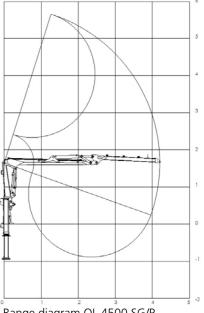
Cross-lever control, 7-fold mechanical



Monobloc cast iron housing



HZ 106



Range diagram OL 4500 SG/P

	4200	
24	190	
		_
	10	
ر ا		
1645		
	3 m	4,2 m
	760 kg	 540 kg

Model	OL 4500 SG/P
Article nr.	125150
Max. reach / incl tongs m	4.2 / 4.7
Stroke torque kNm	26 kNm
Swing torque kNm	6 kNm
Lifting force 4m**	570 kg
Lifting force max.**	540 kg
Swing cylinder	2
Telescope	nein
Wide angle joint	Ja
Support	A-Support
Control system	Cross lever
Rotator	30 kN
Tongs m <sup>2</sup>	0.16 m <sup>2</sup>
Tongs Max spread	1.060 mm

# **Professional Cranes OL 5600 SG/P**

# **Professional Cranes OL 6700 SG/P**





Wide angle joint

2-fold electrical

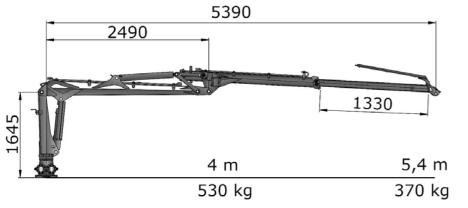
Cross-lever control 6-fold mechanical

Telescopic function



Monobloc cast iron housing

HZ 106



0 1 2 3 4 5 6 Range diagram OL 5600 SG/P

Model	OL 5600 SG/P
Article nr.	125151
Max. reach / incl tongs m	5.4 / 5.9
Stroke torque kNm	26 kNm
Swing torque kNm	7.5 kNm
Lifting force 4m**	530 kg
Lifting force max.**	370 kg
Swing cylinder	2
Telescope	1.3 m
Wide angle joint	Ja
Support	A-Support
Control system	6 mech. + 2 el.
Rotator	30 kN
Tongs m <sup>2</sup>	0.16 m <sup>2</sup>
Tongs Max spread	1.060 mm



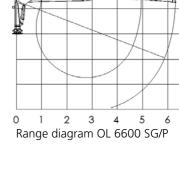
Wide angle joint



Cross-lever control 6-fold mechanical 2-fold electrical



Telescopic function







Monoblock Cast iron housing

6400 2965 1500 1300

6,4 m 4 m 820 kg 450 kg

Model	OL 6700 SG/P
Article nr.	134342
Max. reach / incl tongs m	6.4 / 7.0
Stroke torque kNm	41 kNm
Swing torque kNm	12 kNm
Lifting force 4m**	820 kg
Lifting force max.**	450 kg
Swing cylinder	4
Telescope	1.50 m
Wide angle joint	Ja
Support	A-Support
Control system	6 mech. + 2 el.
Rotator	30 kN
Tongs m <sup>2</sup>	0.18 m <sup>2</sup>
Tongs Max spread	1.250 mm

<sup>\*\*</sup> without tongs

# **Professional Cranes OL 7000 SG/P**









Cross-lever control 6-fold mechanical 2-fold electrical



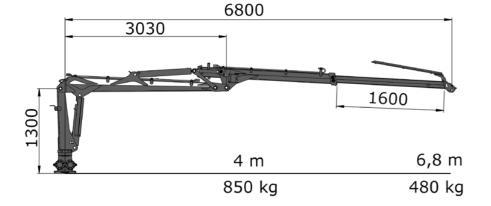
Telescopic function







HZ 125



Model	OL 7000 SG/P
Article nr.	125153
Max. reach / incl tongs m	6.8 / 7.4
Stroke torque kNm	44 kNm
Swing torque kNm	12 kNm
Lifting force 4m**	850 kg
Lifting force max.**	490 kg
Swing cylinder	4
Telescope	1.6 m
Wide angle joint	Ja
Support	Folding feet
Control system	6 mech. + 2 el.
Rotator	30 kN
Tongs m <sup>2</sup>	0.18 m <sup>2</sup>
Tongs Max spread	1.250 mm

Range diagram OL 7000 SG/P

# **Professional Cranes OL 7400 SG/P**





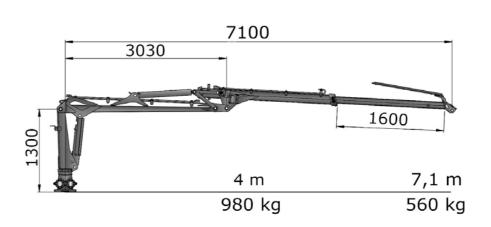
Monobloc cast iron housing











Model	OL 7400 SG/P
Article nr.	126989
Max. reach / incl tongs m	7.1 / 7.7
Stroke torque kNm	52 kNm
Swing torque kNm	15 kNm
Lifting force 4m**	980 kg
Lifting force max.**	560 kg
Swing cylinder	4
Telescope	1.6 m
Wide angle joint	Ja
Support	Folding feet
Control system	6-fold mech.
Rotator	40 kN
Tongs m <sup>2</sup>	0.23 m <sup>2</sup>
Tongs Max spread	1.450 mm

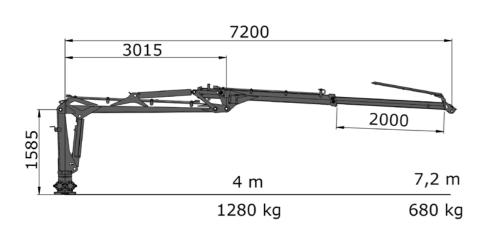
Range diagram OL 7400 SG/P

<sup>\*\*</sup> without tongs

<sup>\*\*</sup> without tongs

# **Professional Cranes OL 7550 SG/P**

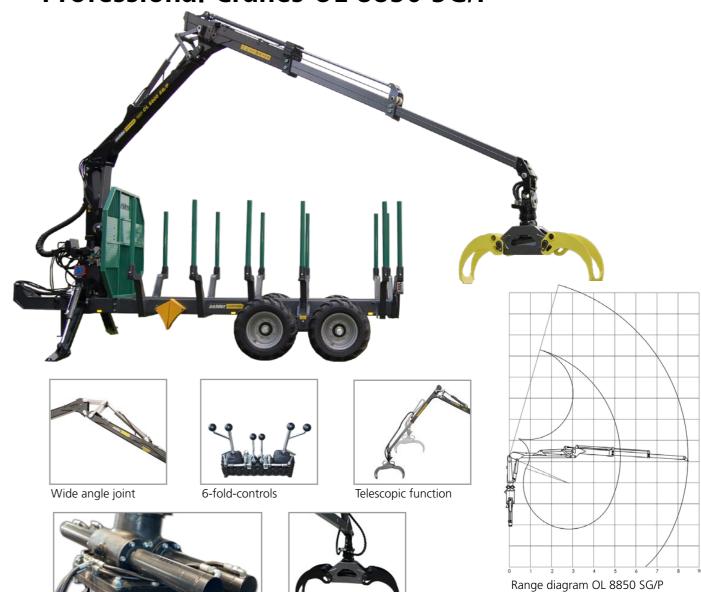




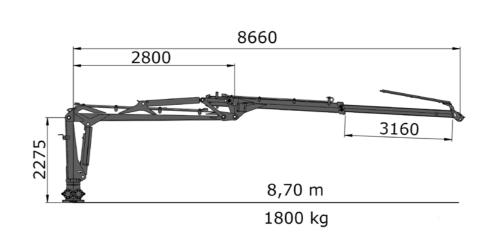
Monobloc cast iron housing

Model	OL 7550 SG/P
Article nr.	126973
Max. reach / incl tongs m	7.2 / 7.8
Stroke torque kNm	72 kNm
Swing torque kNm	19 kNm
Lifting force 4m**	1.350 kg
Lifting force max.**	780 kg
Swing cylinder	4
Telescope	2.0 m
Wide angle joint	Ja
Support	Folding feet
Control system	6-fold mech.
Rotator	50 kN
Tongs m <sup>2</sup>	0.23 m <sup>2</sup>
Tongs Max spread	1.450 mm

# **Professional Cranes OL 8850 SG/P**



HZ 145



Model	OL 8850 SG/P
Article nr.	126975
Max. reach / incl tongs m	8.6 / 9.2
Stroke torque kNm	72 kNm
Swing torque kNm	19 kNm
Lifting force 4m**	1.200 kg
Lifting force max.**	510 kg
Swing cylinder	4
Telescope	3.3 m
Wide angle joint	Ja
Support	Folding feet
Control system	6-fold mech.
Rotator	50 kN
Tongs m <sup>2</sup>	0.23 m <sup>2</sup>
Tongs Max spread	1.450 mm

Monoblock Cast iron housing

HZ 145

# The professional Z-cranes available from 6,3 to 7,0 m





Tank for own oil supply



THKL 130 with OL 6300 Z



OL TDK 80 K with Foliage attachment and crane OL 6300 Z

- Compact truck construction
- Joints bulged
- Ladder and folding seat
- Very good overview
- Folding or "H"-support
- Standard with cylinder protection

Model	OL 6300 Z	OL 7000 Z	OL 8900 Z
Article nr.	102261	100183	130169
Max. reach	6.3	7.0	8.9
Pivoting range*	400	400	400
Hydraulic support	Lateral folding supports adjustable	Lateral folding supports adjustable	Lateral folding supports adjustable
Telescope mm	1.150	1.200+1.200	1.580+1.580
Mounting onto tractor hydraulic possible	For mounting only	For mounting only	For mounting only
Lifting capacity at max. reach kg*	500	900	750
Lifting capacity at 4m approx kg	700	1600	1800
Number swing cylinders	4	4	4

# **Crane control systems**

#### **Standard Crane control modules**







Cross-lever control
6-fold mechanical, 2-fold electrical



6-fold control mechanica



Hand and foot operation combined

Model	OL4500SG/P	OL5600SG/P	OL6700SG/P	OL7000SG/P	OL7400SG/P	OL7550SG/P	OL8850SG/P	OL6300Z	OL7000Z	OL8900Z
Cross lever Control system, 7-fold mechanical	Standard	-	-	-	-	-	-	-	-	-
Cross lever Control system, 6-fold mechanical, 2-fold electrical	-	Standard	Standard	Standard	-	-	-	-	-	-
6-fold Control system mechanical	-	-	-	-	Standard	Standard	Standard	-	-	-
Manual / Foot operati- on combined	-	-	-	-	-	-	-	Standard	Standard	Standard
Joystick / cabin control system	Optional*									
Cable control	Optional*									
Radio remote control	Optional*									

# Additional professional-crane control systems



#### X 50 Professional valve

Volume flow up to 80 I/min

- With proportional pressure compensators valve
- Constant flow pump standard
- Pressure compensator technology
- Follow-up control in sandwich design
- specially tuned control sliders allowing for perfect interplay of the specific functions
- 8 seperate functions as standard
- Working safely and gentle on materials
- Load-independent work
- Suitable for Z-cranes
- optional load Sensing compatibilty



#### X 100 Professional valve

- Volume flow up to 120 l/min
- All functions available at any time

# Joystick / cabin steering with cable

The joysticks have a pleasant surface and an ergonomic palm rest. They are perfect for long days in the forest. 6 functions can be controlled proportionally via joystick. All 6 functions are ergonomically optimized and easily accessible (3 functions each). Thus, all crane functions can be controlled extremely sensitively.



Professional Valve X50 up to OL 7000 SG/P Art. Nr.: 132431 Professional Valve X100 from OL 7400 SG/P Art. Nr.: 132432

#### **Cable control**

This solution bridges the gap between a radio control system and the cabin control system: 2 Joysticks assembled in a box, cable set, valve, Plug'n'Play



Professional Ventil X50 up to OL 7000 SG/P Art. Nr.: 132433 Professional Ventil X100 from OL 7400 SG/P Art. Nr.: 132434

#### Radio remote control HBC Linus

The ergonomic control with linear lever for particularly sensitive operation. 6 positions for different combinations of pushbuttons, toggle or rotary switches/buttons, STOP impact switch, up to 5 switching commands (on / off). Up to 6 stepless commands, battery life for continuous use: up to 20 hours, LED to indicate operating/battery status. Incl. hip belt, only 1.6 kg weight.



Professional Ventil X50 up to OL 7000 SG/P Art. Nr.: 132427 Professional Ventil X100 from OL 7400 SG/PArt. Nr.: 132428

#### Radio remote control HBC Professional

HBC Professional radio remote control stands for precision at its highest level. The ergonomic control covers 4 different speeds for extremely precise work. Hydraulics and controls operating in perfectly synchronized harmony. Including "Teach" battery allowing for extremely convenient configuration of the remote control. Range of up to 120m. Simply plug in instead of the normal battery and easily and quickly configure sensitivity. With comfortable hip strap. Weighs only 2 kg.



Professional Ventil X50 up to OL 7000 SG/P Art. Nr.: 132269 Professional Ventil X100 from OL 7400 SG/P Art. Nr.: 132259



Radio remote control also compatible with crane winch

# **Cranes - Forest trailers**

# The small professional forest trailer 8 t overrun brake 10/11 t pneumatic - TÜV certified

Universal-Forest trailers

• Mit Overrun brake up to 8t total weight

• Double frame (rectangular pipe frame)

• Stanchions can be closed laterally with

• TÜV certified up to 8t 25 km/h

• Universal transport possibility

Closed loading platform





Platform with mounting for control system - optionally

- continuously adjustable axle
- Robust adjustable stanchions
- Axle BPW 25/40 km/h
- Pivoting axle with large compen-

**OL THK 110 E** Tandem



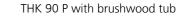
THK 110 E with crane OL 7000 SG/P

- Great maneuverability thanks to tiller steering with oversized
- Stable single pipe frame 10t total weight
- Standard 4-wheel braked

# **Forest trailer** with robust single pipe frame



OL EHK 80



**OL THK 110 E** 

• Standard with cylinder protection

OL THK 80 S

• Brake systems: Overrun brake and oil brake dual circuit pneumatic brake, oil brake

OL THK 90 P

pneumatic brake

- 103078 106447 102658 Article nr. 124579 permitted total weight 7600 8000 8000/10000 11000 1240 1300 1700 Empty weight ca. kg 1600 (depending on equip-3550 3000 4100 Loading length mm 1300 1400 1470 1270 Loading height mm Loading width ca. mm 1230 - 1800 830 - 1730 900 - 1650 800 - 1800 BPW 6.500 Robust pivoting BPW Tandem pivoting Max. axle loading Robust pivoting axle axle up to 40 km/h 12000 up to 40 km/h capacity kg axle Track width approx. mm 1700 1700 40.0/60-15-5 30.0/80-15.3 TL 11.5/80-15.3/12 PR 400/60x15.5 138 AB Rot+ Overrun, hydraulic, Brake system Overrun brake Overrun brake **Dual-circuit pneumatic** 2-circuit compressed
- Large pendulum compensation
- adjustable stanchions and axle • higly maneuverable due to tiller

steering

Loading platform EHK 80



Single pipe frame with adjustable stanchions



Stanchions

# **Forest trailers**

# **Premium class**



OL THK 130 with crane OL 7200 SG/P

- Rugged chassis, double frame (rectangular pipe)
- BPW pivoting axles
- 4-wheel braked

- Lamps with protective grille
- 2 Steering cylinders
- TÜV approval for 25-40 km/h at maximum payload



Stable and extendable double pipe frame

Compact stable double pipe frame



Stable stanchions



Extendable frame



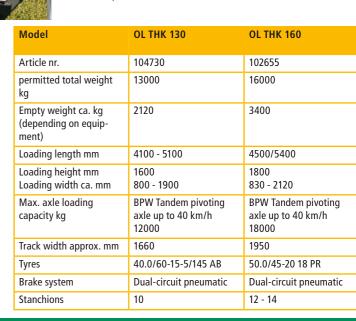
lamps with protective grille



25 animer



- lamps with protective grille
- 2 Steering cylinder
- HALDEX pneumatic system
- Extendable frame (900 mm)
- optional crane seat



Height depending on tyre size (brar



Ballast flap 3-way tipping trailer





Ballast flap Stone trough



Potato tray rear view



Potato tray side view



Potato tray closed



Incline supports



Incline supports



Sidewall lifting spring, left and right



Grain slider



Grain slider with Grain chute



Grain slider with Fine dosing



Sidepanel viticulture version



Hydraulic closing sidepanel



Sidepanel reinforcement viticulture





Hydraulic support leg



Supporting wheel



Scissors supporting leg



Automatic trailer coupling



Trailer coupling max. 8 t



Underride protection



Lashing eyes unfolded



Lashing eyes folded



Adjustable Underride protection



Spherical head



Towing eyelet



Sprung drawbar with max. 4t drawbar load



Cardan shaft with wide angle and





Spare wheel holder



Low construction - spring under axle



Forced steering



Forced steering



Steering axle Tandem



Steering axle Tridem



Caster steering



Parabolic suspension



Leaf spring



Stabilizer





Duomatic vehicle rear



Duomatic





V-tiller



Y-tiller



Mill triangle



Central locking up to 7 t



Central locking from 8 t



Tilt bearing with crossover safety fuse



Warning sign front



Warning sign rear





Side marking light



Wheel chocks



Tank for own oil supply



7 pin plug



Secondary oil and pneumatic connection

#### **Drop-top trailer cover**





OL ZDK 180 with hydraulic drop top

# Flip Tarp mesh tarp trough/Sweep-off carriage





# Sliding tarp trough/Sweep-off carriage







# rolling tarpaulin



ZDK 120 with rolling tarpaulin, rear view

# rolling tarpaulin mulch trailer





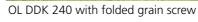


OL ZDK HW 120 with rolling tarpaulin

OL ZDK HW 120 laterally tilted

# rolling tarpaulin with grain screw attachement







OL DDK 240 grain screw extended

# 25

OL EDK 60 with gullwing doors

# **Hydraulically foldable attachments**







OL EDK 60 S with 3-point linkage and PTO shaft drive with log splitter OL 190



#### Lamps



Lamps starting from ZDK 180



Lamps EDK 20 - EDK 80



Lamps starting from ZDK 180 up to DDK with protective grille



Lamps protective grille EDK 20 - EDK 80

# **Special/customized painting**







#### **Specialized constructions**







#### **Agricultural Trailers | Forestry Equipment | Gardening Equipment**



...Quality and Innovation from the Black Forest

# BLACK FOREST EDITION



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