

Universal Loader K3



Precise Quickness

Utmost Stability

Amazing Power

K3



Technical Data Universal Loader K3

Engine	Perkins Diesel engine 4-cylinder, water-cooled	36 2,216	power kW (50 PS) cm ³ cubic capacity
Lifting capacity		1,000	kg
Max. lifting capacity	with extended telescope arm (on even ground)	1,550	kg
Axle	telescopic front axle	124-187	cm width with standard tyres
Front loader	hydraulically telescopic lifting arm, lifting height up to	330	cm
Drive	infinitely variable, hydrostatic fourwheel drive	0 - 18	km/h
Hydraulic travelling system	axial piston variable pump with 4 hydr. wheel motors; planetary gear inside of wheel hub with reduction	170 01:01	L/min i
Hydr. system for tools	gear pump	54	L/min
Operat. pressure		180	bar
Operational brake system	acting on front and rear axles via hydrostatic travelling gear	x	
Parking brake	acting on rear axle	x	
Tyres	serial	10.0/75-15.3AS	overall width 1.24 m bis 1.87 m
Driver's seat	comfort seat with seat belt, vertically adjustable roll bar	x	
Steering column	comfort steering column (vertically adjustable and inclinable) incl. working hour meter and fuel gauge	x	
Tool installation	serial quick-change plate Euronorm	x	
Counterweight	maximum	500	kg
Diesel tank	safety tank, integrated in frame	29	L
Oil tank	safety tank, integrated in frame	60	L
Unladen weight		2,040	kg
Turning radius (internal)		1,320	mm
Turning radius (external)		2,560	mm
Weight of front axle		760	kg
Weight of rear axle		1,280	kg

Dimensions are not binding. Changes in design may be subjects to alterations.



CE

In-house development
and production according
to CE standards

Richard Ostler Maschinenbau GmbH · Schlingener Str. 2a · D-87668 Rieden b. Kaufbeuren
Telephone: +49 (0) 83 46/98 20 26 · Telefax: +49 (0) 83 46/98 20 27
e-mail: info@ostler-maschinen.de · www.ostler-maschinen.de

Safe and quick transport and stapling of large bales thanks to wide wheel track and great lifting capacity.



Thanks to its perfect manoeuvrability and quickness K3 reaches every corner.



Extensive working range due to long telescope arm



Thanks to the tool holding fixture, which meets the DGS Euro standard, commercially available tools can be used.

Safe and Quick Tool Change

The Express coupling system: absolute safety and operational convenience.

Tools can be fixed to the robust quick-change plate very easily. In order to be applicable whenever necessary the optional hydraulic holding-down device is to be fixed

permanently to the quick-change plate. When tools are changed, coupling of hydraulic lines thus becomes unnecessary. Furthermore loads are kept from tipping back by means of the frame of the holding-down device.



Standardized quick tool-change frame, Euro Standard

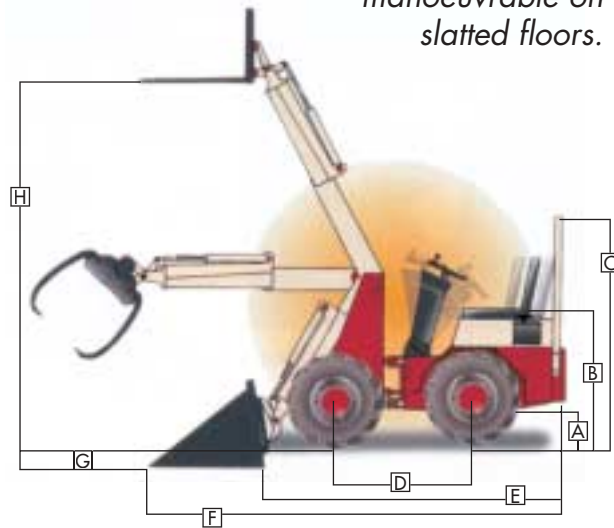
Information on the manifold add-on units is available at your trader's.

Our new universal loader is unique concerning its loading capacity, stability and operating convenience.

Thanks to its hydraulic telescope axle the universal loader can be driven through extremely narrow feed alleys. Within a few seconds the axle can be extended to 1.87 m thus providing utmost stability. The telescope arm of the loader reaches every corner; and the refined steering system enables accurate and shakefree loading even at great heights.

The convincing drive system provides maximum power even under most delicate conditions, i.e. loading of manure or moving of earth. Full power is always applied to the respective wheel motors.

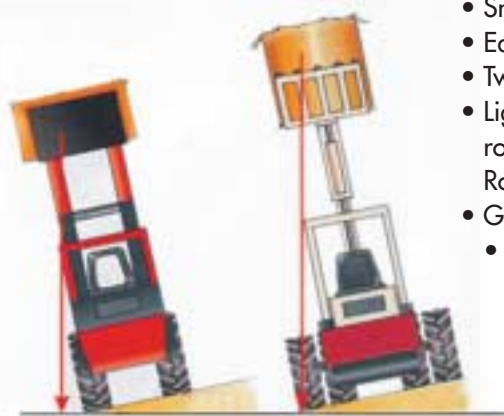
Enormous lifting capacity and maximum safety and yet light enough to be manoeuvrable on slatted floors.



A	300 mm	E	2,900 mm
B	1,200 mm	F	4,250 mm
C	1,920 mm	G	2,550 mm
D	1,400 mm	H	3,300 mm

Stability

With the axle extended to a width of 1.87 m, the universal loader stands absolutely safely (tyres 10/15). If the underground is uneven, the centre of gravity is still within the wheel track thus preventing the universal loader from turning over. For this reason the universal loader can also be used in fields or forests. Within a few seconds it is possible to reduce the width to 1.24 m thus ensuring that the universal loader can be driven through narrow entrances and feed alleys.



Lifting Capacity and Loading Range

Demands concerning lifting capacity and load height are increasingly high. This is no problem at all for the new OSTLER universal loader. Its telescope arm extends to 3.30 m thus enabling the driver to fill high fodder mixing trucks and dumpers and to extract bales in fodder storage rooms from undreamed-of heights. All that is achieved at maximum power thanks to optimal weight distribution and powerful cylinders.

Special Equipment

- Hydraulic holding-down device with detachable tines
- Protection frame for holding-down device (for add. protection of driver in case of pallet work)
- Free control valve for add. tools
- Standard shovel 90 cm/200l (with steel teeth)
- Shovel for heavy goods 120 cm/250l (with steel teeth)
- Shovel for light goods 150 cm/450l (without teeth)
- Pallet fork 90 or 125 cm
- Dung and grass fork with 5 tines (screwable)
- Snow and levelling scoop
- Earth drill
- Two work spotlights
- Lighting equipment for public roads (according to German Road Traffic Act)
- German road traffic expertise
 - Additional weights 20 kg/40 kg
 - Cabine

Drive System

Hydraulic drive and wheel motors are designed in such a way that the entire power is translated fully from the respective driving axle to ground. In contrast to automotive drive systems engine speed and travelling speed are independent from each other. Therefore propulsion and lifting capacity can always be adjusted optimally at full engine power.

Steering System and Turning Radius

Despite its extraordinary lifting capacity, the new OSTLER universal loader can be steered easily thanks to its compact design.

With an external turning radius of only 2,560 mm and a fine-tuned steering system it is easily manoeuvrable in narrow barns and stables. Furthermore lengthy loading activities with frequent changes of direction are no problem at all since starting of the loader is always a smooth process.



Practically for all Purposes

Farming and Stockbreeding
Local Use
Industrial Use
Warehousing and Logistics
Horticulture and Landscape Architecture
Building and Construction Industry

