

## Technical Data Sheet

All data is valid for standard specification loader with standard bucket.



### Engine

Make	Deutz
Type/design	4 cylinder in-line, water-cooled, BF4M 2012 turbocharged engine
	4 cylinder in-line, water-cooled, TCD 2012 L4 turbocharged engine with charge-air cooler (option)
Output	74,9 kW/102 HP @ 2400 rpm
Max. torque	88 kW/120 HP @ 2400 rpm (option) 390 Nm/1500 rpm 420 Nm/1600 rpm (option)
Displacement	4040 cm <sup>3</sup>
Emission	Tested and certified as per 97/68 EC, emissions standard level 2 emissions standard level 3 (option)



### Power Transmission

Drive	Continuously variable hydrostatic axial-piston gearbox. 4-wheel drive. Brake/inching pedal.
Drive speed	0-20 kph 0-35 kph (option)* Planetary steering axles
Axles	
Total oscillation angle	18°
Differential lock	100 % locked
Service brake	Hydraulic multidisc
Parking brake	negative hydraulic multidisc
Standard tyres	15,5-25



### Steering and Work Hydraulics

Mode of function	Hydrostatic all wheel steering
Steering pump	Separate steering pump
Steering ram	Double-acting, with automatic synchronisation
Steering angle	2x 35°
Work pump	gear pump axial-piston variable displacement pump (option)**
Flow rate	100 l/min 140 l/min (option)**
Pressure	255 bar 270 bar (option)**
Filter	Combined suction reflux filter
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram



### Kinematics

Design	Z-kinematics
Lifting capacity	66 kN
Tear out force	64 kN
Raise	4.8 sec
Lower	2.5 sec
Tilt in	1.2 sec
Dump out	1.0 sec
tilt in / tilt out angle	45°/45°
Tipping load (stand. bucket)	5400 kg
Tipping load (pallets)	4375 kg
Payload S=1.25 (pallets)	3500 kg
Payload S=1.67 (pallets)	2620 kg
Payload in transport position S=1.25 (pallets)	4500 kg
Scraping depth	100 mm



### Capacities

Fuel tank	140 l
Hydraulic oil tank	125 l



### Noise Emissions

As per 2000/14/EC



### Electric System

Operating voltage	12 V
Battery	12 V/88 Ah
Alternator	95 A
Starter	3.0 kW

\* only with 88 HP motor  
\*\* only with 88 HP motor, there standard

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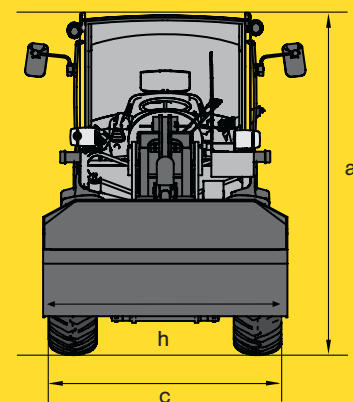
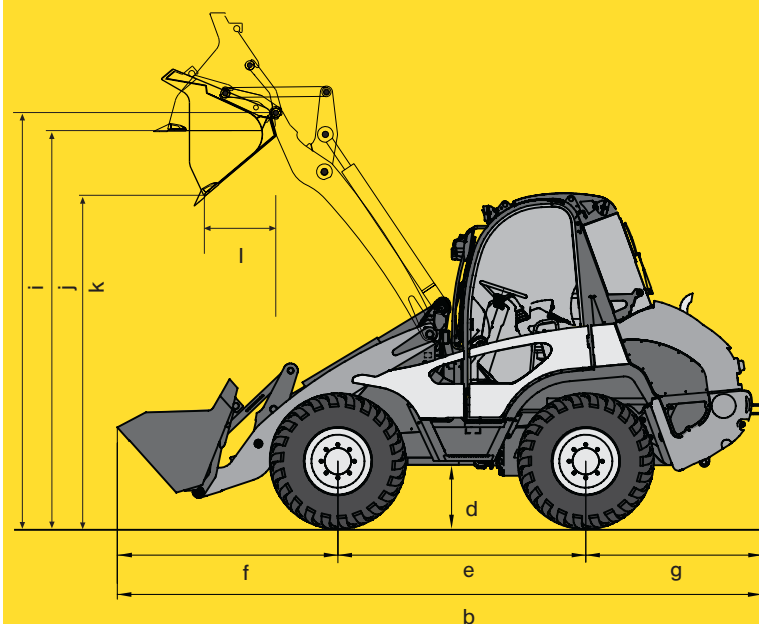


### Operational Data

Bucket capacity from - to 1.5 - 2.5 m<sup>3</sup>

Dimensions (with standard bucket and standard tyres)

a	Height	2950 mm
b	Length	6550 mm
c	Width	2240 mm
d	Ground clearance	450 mm
e	Wheelbase	2300 mm
f	Centre of front axle to tip of teeth	2270 mm
g	Centre of rear axle to end of vehicle	1750 mm
h	Bucket width	2300 mm
i	Pin height	3780 mm
j	Load-over height	3530 mm
k	Dump height	2900 mm
l	Dump reach	820 mm
	Pallet height	3470 mm
	Turning radius	
	Tyres	3450 mm
	Track circle	3230 mm
	Bucket	4750 mm
	Weight	8400 kg



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## Standard equipment

### Cab

Soundproofed, vibration-insulated, 4-point suspension cab, with large, curved, tinted windows. Excellent all around visibility from a spacious and comfortable work environment for increased safety and efficiency. Extremely roomy cab with a large number of storage possibilities.

#### Access

Entry and exit on either side using the large convenient steps.

#### Doors

Doors with large windows, for optimal view to the sides. Both doors can be opened and locked in two positions (gap or 180°). Full access through right-hand door by folding back the joystick console.

#### Joystick console

Ergonomically integrated controls in driver's seat, including:  
 - Hydraulically pilot-controlled joystick for raising/lowering and dumping the loader unit in and out, with a toggle switch for selecting the driving direction, and an integrated 3rd control circuit for locking/unlocking the quick hitch facility and for running hydraulic implements, and a tip switch for 100 % differential lock.  
 - Switch for 3rd control circuit, continuous operation

#### Driver's seat

Comfort seat with mechanical suspension and automatic seat belt, weight, backrest and two-fold horizontal adjustment.

#### Passenger's seat

Telescopic and tilt adjustment

#### Instrument panel

Neatly designed instrument panel

#### Heating, ventilation

3-speed powerful heating and ventilation with recirculated-air mode

#### Sun visor

#### Wipers

Front and rear wipers. Double blade covers 85% of front window glass

#### Rearview mirrors

Large outside mirrors, foldable to notched positions on either side

#### Floor mat

Floor mat is level with the frame enabling easy cleaning of the cab.

#### Cab lights

Mounting/wiring for radio installation

12V socket

### Lights

**Headlights** 2 x at the front low/high beam and parking lights

**Working light** 1 x at the rear left

**Rear lights and brake lights**

**Turn indicators**

**Engine cover** Opens up high

**Hydraulic controlled fan** for optimal ventilation

**Proportional technology** for precise control of hydraulic implements (3rd control circuit)

**Quick hitch facility** Hydraulic

**Engine air supply** With air filter safety cartridge

**Key system** One-key system for doors, ignition and engine cove

Subject to modifications without prior notice.  
 Alone the explicit contractual agreement is decisive.

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## Options

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### Cab

Driver's seat with air suspension	Sun-shield foil
Protective FOPS screen	Radio
Protective front screen	Rotating beacon
Vehicle heater	1 rear working light
Air conditioning	2 front working lights

### Power options

4th control circuit for front and rear implements  
 Unpressurized front reflux  
 Float position  
 Load stabiliser (automatic/manual)  
 Electric socket for front implements  
 Electric socket for rear implements  
 Manual throttle  
 Low-speed control  
 Fuel preheating  
 Engine and hydraulic oil preheating  
 Mounting parts for work platform  
 Trailer coupling  
 air pressured braking system  
 Reversing fan

### Safety

Warning stripes  
 Drive interlock  
 Tool kit  
 Hose burst valve for lift and tilt rams  
 Protection for work in aggressive environment  
 Backup warning system  
 Battery master switch

### Ecospeed

Ecospeed 0 – 35 kph

### Tyres

Wide-base tyres  
 Traction tyres  
 Tyres for industrial applications  
 Tyre puncture protection kit  
 Foam-filled tyres (up to 20 kph)  
 Snow chains

### Paint other than standard

Biodegradable oil  
 Panolin HLP Synth46

### Warranty extension

## Implements

Pallet forks  
 Standard bucket  
 Multipurpose bucket  
 Lightweight material bucket  
 Superlightweight material bucket  
 High-tilt bucket  
 Other implements on request

Side swing bucket  
 Heavy duty bucket  
 Tree replanter  
 Front scarifier  
 Material pusher  
 Work platform

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