

# Technical Data Sheet

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

# 750



## Engine

Make	Deutz F4M 2011
Type/design	Oil-cooled, 4-cylinder, 4-stroke, in-line aspirated engine with direct fuel injection
Output	48.5 kW/66 HP @ 2800 rpm 44 kW/60 HP @ 2400 rpm
Max. torque	195 Nm/1700 rpm
Displacement	3110cm <sup>3</sup>
Emission	Tested and certified as per 97/68 EG, emissions standard level 2.



## Power Transmission

Drive	Continuously variable hydrostatic axial-piston gearbox. 4-wheel drive. Brake/inching pedal.
Drive speed	0–20 kph, 0–30 kph (option)
Axes	Planetary steering axles
Total oscillation angle	22°
Differential lock	Self-locking differentials
Service brake	Hydraulic multidisc
Parking brake	Mechanical disc brake
Standard tyres	12.5 – 18
Wide-base tyres	365/70 R18 (bidirectional)
Optional tyres	335/80 R18 (traction tyres)



## Steering and Work Hydraulics

Mode of function	Hydrostatic all wheel steering
Steering pump	Work pump via priority valve
Steering ram	Double-acting, with automatic synchronisation in final positions
Steering angle	2x40°
Work pump	Gear pump
Flow rate	52 l/min standard
Pressure	210 bar
Filter	Combined suction reflux filter
Pressure limitation	Primary pressure limitation, secondary pressure in tilt ram/lift ram



## Kinematics.

Design	Parallel kinematics
Lifting capacity	31 kN
Tear out force	29 kN
Raise	5.3 sec
Lower	2.9 sec
Tilt in	0.9 sec
Dump out	1.5 sec
tilt in / tilt out angle	50°/45°
Tipping load (stand. bucket)	3000 kg
Tipping load (pallets)	2500 kg
Payload S=1.25 (pallets)	1900 kg
Payload S=1.67 (pallets)	1430 kg
Payload in transport position S=1.25 (pallets)	2300 kg
Scraping depth	50 mm



## Capacities

Fuel tank	60 l
Hydraulic oil tank	50 l



## Noise Emissions

As per 2000/14/EC



## Electric System

Operating voltage	12V
Battery	12V/72 Ah
Alternator	95 A
Starter	2.3 kW

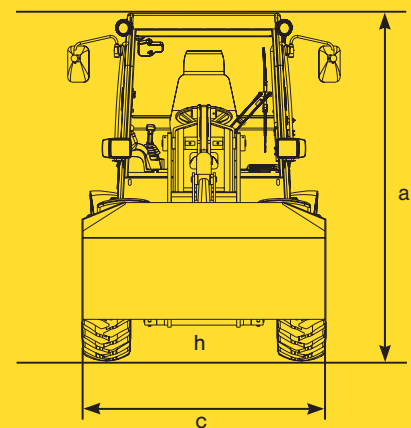
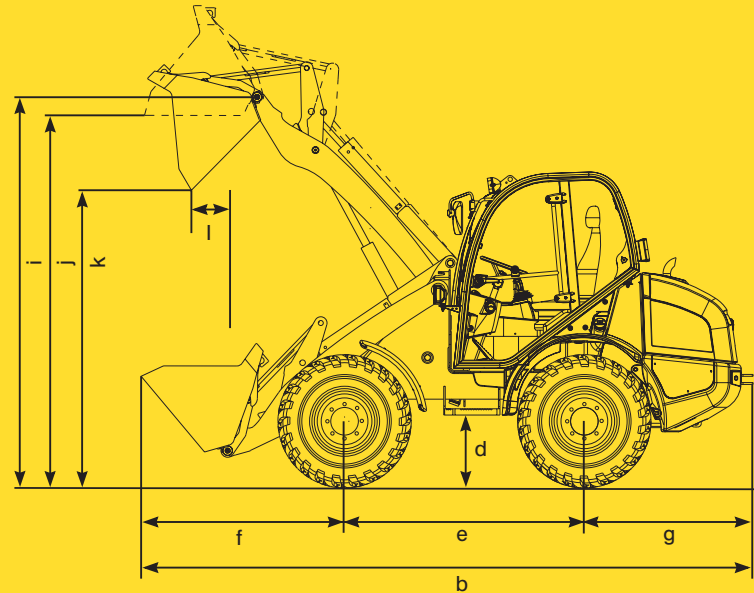


## Operational Data

Bucket capacity from – to 0.75 – 1.2 m<sup>3</sup>

Dimensions (with standard bucket and standard tyres)

a	Height	2480 mm
b	Length	4840 mm
c	Width	1750 mm
d	Ground clearance	300 mm
e	Wheelbase	1920 mm
f	Centre of front axle to tip of teeth	1610 mm
g	Centre of rear axle to end of vehicle	1360 mm
h	Bucket width	1750 mm
i	Pin height	3065 mm
j	Load-over height	2915 mm
k	Dump height	2400 mm
l	Dump reach	660 mm
	Pallet height	2800 mm
	Turning radius	
	Tyres	2550 mm
	Track circle	2350 mm
	Bucket	3320 mm
	Weight	4200 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.
- Switch for 3rd control circuit, continuous operation

#### Drivers's seat

Comfort seat with scissor-type suspension and automatic seat belt, weight, backrest and horizontal 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

#### Removable cab

The 380 is fully functional with the cab removed. The upper cab section can be removed in no time at all.

### Lights

**Headlights** 2 x at the front with 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

**Quick hitch facility** Hydraulic

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

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

**Tyres** 12.5-18

## Options

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### Cab

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

### Power options

4th control circuit for front and rear implements
High-Flow equipment with extra pump output
Unpressurized front reflux
Float position
Load stabiliser
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

### 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

Continuous high speed 0 – 40 kph

### Tyres

Wide-base tyres	Tyre puncture protection kit
Traction tyres	Foam-filled tyres
Tyres for industrial applications	Snow chains

### Paint other than standard

Biodegradable oil  
Panolin HLP Synth46

### Warranty extension

## Implements

Pallet forks	Side swing bucket
Standard bucket	Heavy duty bucket
Multipurpose bucket	Tree replanter
Lightweight material bucket	Front scarifier
Superlightweight material bucket	Material pusher
High-tilt bucket	Work platform
Other implements on request	

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