

Weidemann – Your expert partner,
with the technology of the future

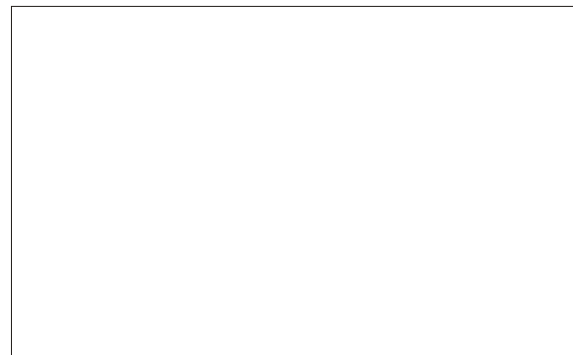


At the beginning of the seventies there appeared a need in agriculture for an economical and universally applicable machine that could handle loading, manure removal and transporting jobs. Weidemann's solution: the Hoftrac®. Today Weidemann is the leading European manufacturer of such machines. Since that time, the main factories at Diemelsee-Flehtdorf and Gotha have produced more than 40,000 machines and implements for use in agriculture, gardening and landscaping, equestrian sports, public facilities and communities, and in industry and construction.

Weidemann's main products are the Hoftrac®, Wheelloaders and Telescopic Loaders. They are sold worldwide through the company's own sales organisation and numerous specialty dealers. The primary markets are in Europe, North America and the Far East.

A full-coverage service network matches the distribution of Weidemann products, providing rapid and expert assistance at all times. Throughout Europe, a 24-hour delivery service for replacement parts supports all of our service partners and end users. Orders placed in the morning ensure delivery the following day.

As your expert partner, Weidemann is always well equipped: Our product line offers excellent conditions: expertise built on extensive experience, skilled employees and forward-looking technology guarantee state-of-the-art products with great customer benefit and excellent quality.



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All specifications refer to series production models tested under normal operating conditions. Additional details can be found in the operating manuals. For reasons of safety we recommend always following the legal regulations of the trade association responsible for the operational purpose and the instructions from Weidemann. These specifications convey a good impression of the particular vehicle and its performance capability, but may be subject to variations in individual cases. The illustrated accessories may vary by market region. Subject to technical changes without prior notice.

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Telescopic Loader

Out in front with advanced technology

Reliable, powerful telescopic arms and easy operation, even with heavy loads



Our telescopic loaders combine the typical properties of an open-air stacker with those of a full loader, high performance with outstanding stability and manoeuvrability. Sturdy, rigid frames with very strong arm suspensions ensure safe loading operation of the telescopic loader under heavy loads. Close interaction with our customers produced a machine system for professionals with an outstanding ratio of price to performance.

Low-emission, quiet and nearly maintenance-free engine and transmission technology, low acquisition and operating costs, and long life as a result of high-quality workmanship.

Secure stability under heavy loads

High performance with outstanding stability and manoeuvrability form the concept of the telescopic loader. Depending on the model, they can reach lifting heights of up to 5.40 m, and offer peak levels in their class for dumping and rollback angle. A polished system of different vehicle frames, axles and engines is available. Especially noteworthy is the extraordinary flexibility with the great variety of equipment options.

No-wait maintenance

A full-coverage service network provides for rapid and expert assistance at all times. Throughout Europe, a 24-hour delivery service for replacement parts supports all of our service partners and end users. Ordered today – delivered tomorrow: this ensures that you will be able to keep on working without appreciable interruptions.

First-class ergonomics

Ergonomics is of course a component of the equipment design, because Weidemann builds machines for humans. The adjustable body-conforming seat ensures that working is easy on the back, and in combination with the adjustable steering wheel and the tinted, deeply extended windows it also provides a position that always gives you the best overview. With the multi-function lever you always have everything under control – all of the working and control procedures can be performed with one hand. The advantage is that the driver can concentrate on working, with one hand always on the steering wheel.

The Telescopic Loader series: All of the advantages at a glance

- High quality telescopic arms with stable arm suspension
- Great stability due to low centres of gravity and favourable load distribution
- Lifting heights up to 5.40 m, with peak values in the area of dumping and rollback angle
- Comfortable, low-noise cabs with excellent all-around view
- Simple handling and concentrated, economical operation: with the multi-function lever, all control operations can be performed with one hand
- Fully sprung, adjustable comfort seat lets you work relaxed and without tiring
- Simple engagement and excellent view of the tool attachments because of low, narrow tower
- Pilot control of the working hydraulics standard:
- Sturdy, rigid frame and extremely rugged arm suspension ensure safe and precise control of the telescopic arm, together with tremendous lifting and biting forces
- Quiet running, dynamic and economical fuel consumption: tough, powerful engines for every need
- Advanced drive designs for quick thrust build-up while keeping the loads on the differential and axle shafts low
- Long engine life as a result of a thoughtfully designed air filter system; maximum engine power through external air intake
- Problem-free maintenance and quick service because of tiltable driving platform and swivelling engine cover
- Extensive and well-planned line of accessories for highly varied configurations: the right implement is available for every industry

Something you can count on:
Efficiency and cost-effectiveness,
proven a thousand times over

2006

Quick service in a snap – Tilttable cab saves a lot of time

Significant lifting height

Even with heavy loads, the telescopic arm of the 2006 moves safely and precisely. The lifting height of more than 4.20 m is extraordinary in this class of machine.

High-torque engines

Driven by a 50 bps 4-cylinder Perkins engine or a 70 bps 4-cylinder Deutz engine with turbo-charger, the model 2006 has two mighty power plants with plenty of torque available even at low engine speeds. With various axles and a large variety of tire options, the 2006, ranging in width from 1.30 m to 1.70 m, is extremely variable.

Working safely

Small turning radii and good load distribution ensure high stability, even in very tight spaces. The standard pilot control of the hydraulic system operates extremely delicately. In combination with the precise, smooth steering, you have the loader under control at all times. The two-stage hydrostatic drives guarantee thrust build-up in seconds. Using the braking-inching pedal, you can distribute the engine power optimally between thrusting force and lifting or biting force during the work cycles.

Effective and economical design

The modular machine design, variety of possible applications, and quick and flexible utilisation of the accessories provide for effective full utilisation of the Telescopic Loaders. This makes high operating hours and power levels possible and results in good overall cost effectiveness.



Ergonomics and service-friendliness

Special features of the Telescopic Loader 2006 are its great service-friendliness and the good all-around view from the cab thanks to deeply extended and tinted windows.



**Powerful engines with plenty
of torque ensure powerful
and rapid thrust build-up**

Typical for Weidemann is the longitudinal installation of the engines, with wide-opening engine cover and side-tilting cab. The engine cover is open in just one step – all of the necessary components for routine maintenance are readily accessible. For more extensive service, the cab can be tilted to the side on all machine models. That is accomplished effortlessly and without great exertion of force, since the tilting is supported by a gas pressure cylinder. All of the important parts of the engine and hydraulic system are then optimally accessible: short servicing means shorter down times and greater cost-effectiveness.

Servicing of the components is confined to a minimum; for example, coarse fouling of the coolers is prevented from the start by the fact that the cooling air enters from the side through fine screens and is deflected efficiently. Another plus for high cost-effectiveness.

High cost-effectiveness and efficient utilisation over the entire service life

The Telescopic Loaders are more than just true multi-talents in handling a great variety of tasks, they are also impressive for their high cost-effectiveness – throughout their working lives. Low acquisition and servicing costs, reliability, safe use, sturdiness and solid, high-quality workmanship result in an optimal ratio of cost to benefit. And ultimately to very good value retention, which pays off in high resale value. Examples: First: the hydraulic quick-change system not only gives you great flexibility for highly varied tasks. You also work one step more economically, since you can change the accessories without climbing down, thereby saving one work step. Second: thanks to the tilting cab, routine service intervals can be performed without a great expenditure of time – the machine is quickly available again. Third: low-maintenance components ensure effective utilisation – the loader is in the shop less often and in use more of the time.

3006



The comfortable cab offers a good all-around view and simplicity of operation

Stable movement of the telescopic arm

On the 3006 as well, a sturdy, rigid frame and rugged arm suspension ensure reliable control of the telescopic arm. With the telescope extended, an overhead loading height of almost 4.80 m is achieved. In all working positions, the low and narrow tower ensures an excellent view of the tool.

Variable engines with long service lives

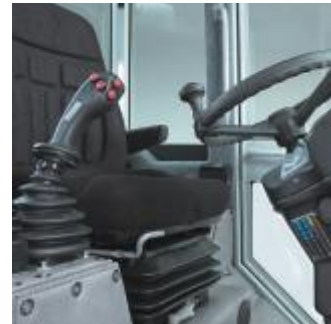
With its three engine variants (Perkins diesel engine with 50 bhp and Deutz diesel engines with 61 or 81 bhp), the Telescopic Loader 3006 offers the right engine configuration for every use and demand. At the same time, long life is guaranteed by high-volume air filters with internal safety cartridge – even with heavy soiling no contaminated air gets into the engine.

Ergonomic driver platform

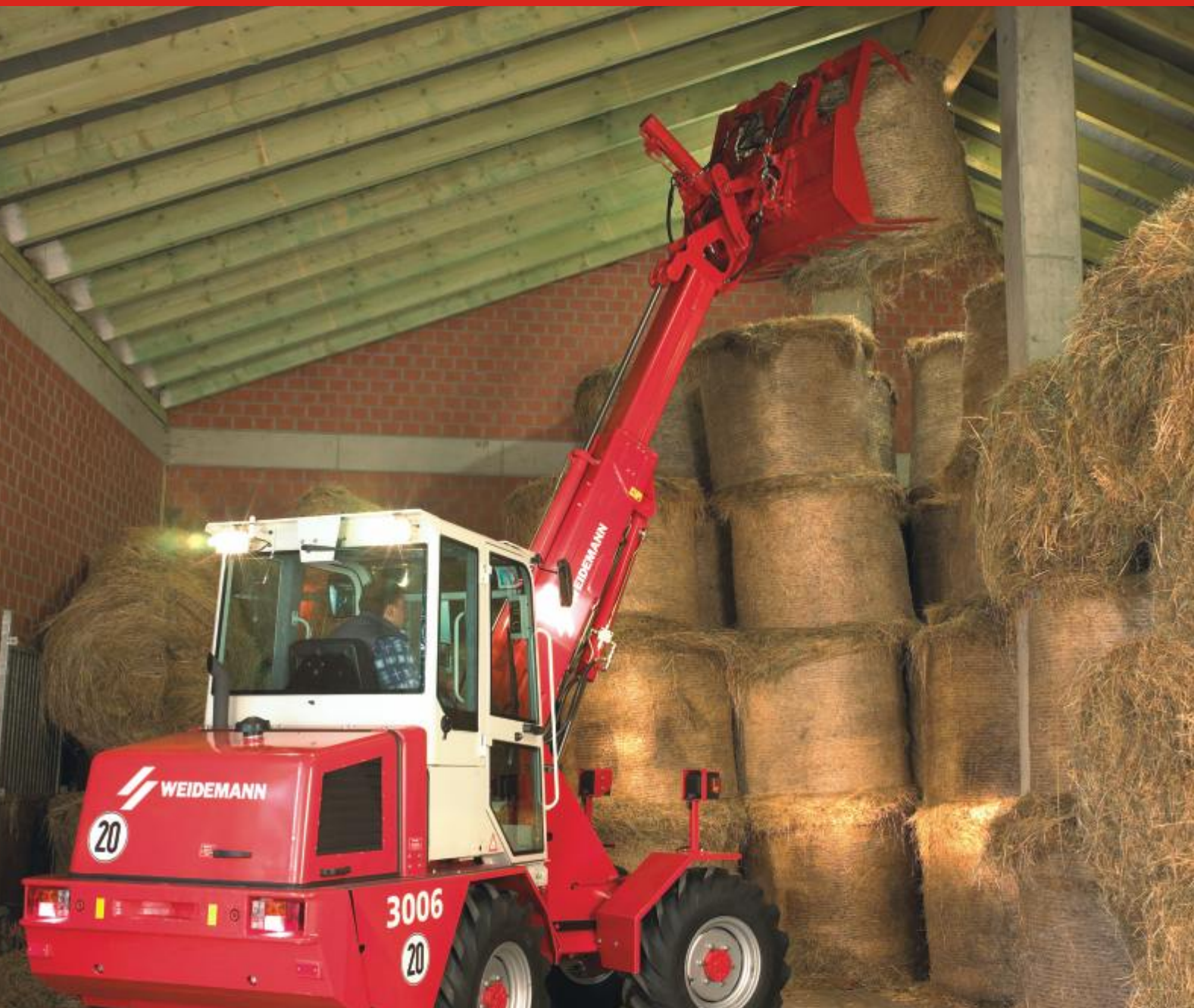
The spacious cabs offer excellent headroom and freedom of movement and satisfy all the requirements for a modern driver's position. The interior is friendly, bright and clearly organised. A thoughtfully designed ventilation system distributes the air completely without drafts and keeps all the windows free of steam and ice. With the multi-functional control lever, all driving and working functions can be performed with one hand.

A variety of axle variants

A variety of axle variants and favourable load distribution guarantee very good stability, even on difficult terrain. The ZF planetary axles with electrically switchable differential pawl convert the drive power optimally into thrust, enabling speeds of 30 kph.



High quality workmanship leads to long service and ultimately to high retention of value



4004

Tremendous lifting heights and safe work with excellent operating convenience

The automatic quick-change system provides for convenient work without lost time



Effective control of the machine: steering with one hand while controlling the telescope and tools with the other

Telescope with high tipping loads

The Telescopic Loader 4004 has very good tipping load values: with the telescope extended, almost 2,200 kg can be reached in the shovel and 2,000 kg in the pallet fork. At the same time, a rigid frame and the sturdy arm suspension ensure exact control of the telescopic arm, so that even with heavy loads you can work precisely both with shovels and with pallet forks.

Easy to handle

The standard configuration includes the one-hand control with multi-function lever, as well as adjusting steering column and comfort seat with adjustable armrest. The total package allows excellent driving convenience and simple handling, even with frequent tool changes – thanks to the hydraulic quick-change system.

High-power turbo engines

Optionally powered by an oil- and air-cooled 70 bhp 4-cylinder Deutz turbo engine or a water-cooled 100 bhp 4-cylinder Perkins turbo-engine, the Telescopic Loader Series 4004 has sufficient reserve power for even the toughest jobs. The two-stage fully hydrostatic drive allows continuously adjustable travel speeds up to an optimal maximum speed of 30 kph. The engine power can be divided optimally between driving and lifting. With the automatic power regulation with pressure cut-off, neither the engine nor the hydraulic system can be overloaded. The service brake, operated via the inching function, is wear-free. Wheel portals on the axles provide only for high torque levels and thus for high thrust forces, but also for protecting the drive assemblies, because the full torque takes effect only at the wheel.



**Working relaxed and more efficiently:
fewer vibrations and bumps due
to shock-absorbing comfort cab**

The Telescopic Loader 4004 combines technical high performance with convenience of operation. The low-noise cab – with easy entry on both sides – has large, deeply extended windows for an excellent all-around view. The windows are tinted, providing protection from bright sunshine. The multi-adjustable driver's seat, the adjustable steering column and an individually adjustable armrest enable the operator to find an easeful and fatigue-free sitting position. The thoughtfully designed heating and cooling system always provides a pleasant climate – so that you always have warm feet even in the wintertime and can keep a cool head in the summer, enabling you to work relaxed and at top performance. Clearly positioned instruments provide information at all times about the operating status of the machine. All control elements are easy to reach and in direct view. Additional features include parallel wipers front and rear, large exterior mirrors, sun visor and a storage bin with drink holder.

High out in front – Optimal lifting and dumping heights with advanced telescope kinematics

5006



Quick and economical service is ensured by the wide-opening engine cover

Advanced design

The concept, with full-time all-wheel-drive via a two-stage hydrostatic transmission and the 4-cylinder Deutz engine rated at 81 bhp is outstandingly matched. Together with the balanced weight distribution of the loader, it ensures high thrust forces and good traction. Continuously adjustable speeds from 0 to 30 kph are possible. In addition, the loader has switchable differential pawls front and rear.

Sophisticated technology

The precise knuckle steering with three types of steering provides safety during use, shortens working cycles and allows precise control of the tools when manoeuvring. Thanks to the excellent precision controllability of the pilot controlled working hydraulics, moving and dropping even heavy loads is child's play.

Convenient operation is standard

The extremely deeply extended front and rear windows of the low-noise cab offer an excellent all-around view. The view to the right over the loading arm and toward the rear is outstanding – the advantages of the flat design of the loader show their full effect here. A large cab door makes it easy to get in. For plenty of fresh air the door window can also be opened and the rear window cracked for ventilation. In dusty conditions, a cab ventilation system with integrated heater provides for a pleasant working atmosphere. Steering wheel and seat adjustments always offer an optimal sitting position. All operating levers are easy to reach; clearly positioned instruments provide information at all times about the operating status of the machine. With the multi-functional control lever, all driving and working functions can be performed with one hand.



The Telescopic Loader 5006 has mighty lifting and biting forces

The 5006 represents the development of a telescopic loader that combines high performance with outstanding stability and manoeuvrability. A sturdy, rigid frame and extremely rugged arm suspension ensure reliable and safe control of the telescopic arm, both when transporting and during loading operations with heavy loads.

The 5006 combines the typical properties of an open-air stacker with those of a full loader, while achieving a lifting height of 5.40 m. The dumping angle of 55° and rollback angle of 46° are top values in this class. The low overall height of less than 2 m lets the 5006 go everywhere. The loader can be equipped with the complete line of accessories; the hydraulic changing system permits convenient, quick tool changes and makes the 5006 a universal helper in many sectors.

**Pilot-controlled working hydraulics
and smooth steering guarantee
simple and precise handling**

2006

Engine	
4-cylinder Perkins diesel engine (water-cooled)	■
Engine type 404-22	■
Maximum power (kW/bhp) at rpm	37,3/50 2800
Displacement (cm ³)	2216
Fuel capacity (l)	40

Hydraulic system	
Driving hydraulics	
Flow rate (l/min)	84/75
Working pressure (bar)	450
Working hydraulics	
Flow rate (l/min)	57/60
Working pressure (bar)	235
Hydraulic oil (l)	63
Steering hydraulics	
Working pressure (bar)	190

Vehicle data	
Operating weight (kg)	3680
Driving speed (km/h)	0-20
Working voltage	12 Volt
Battery	88 AH

Dimensions	
Overall length with std. shovel	4960
Height to top of cabin	2287
Total working height	4640 ¹⁾ /4860
Total width	1370
Width across cabin	1010
Inside turning radius	930
Lifting capacity max. (daN)	3990
Lift height (implement-pivot point)	4256

All specifications refer to shovel and axle Sp109

1) Specifications for pallet fork

Tipping loads (kg)			
Tipping load in shovel	Tele. retrac.	exte.	
Machine straight, load arm horiz.	1987	1105	
Machine at angle, load arm horiz.	1450	807	
Tipping load in pallet fork			
Machine straight, load arm horiz.	1747	1030	
Machine at angle, load arm horiz.	1275	752	

3006

Engine	
4-cylinder Perkins diesel engine (water-cooled)	■
Engine type 404-22	■
Maximum power (kW/bhp) at rpm	37,3/50 2800
Displacement (cm ³)	2216
Fuel capacity (l)	80

Hydraulic system	
Driving hydraulics	
Flow rate (l/min)	120/108
Working pressure (bar)	400
Working hydraulics	
Flow rate (l/min)	57/60
Working pressure (bar)	235
Hydraulic oil (l)	90
Steering hydraulics	
Working pressure (bar)	190

Vehicle data	
Operating weight (kg)	4900
Driving speed (km/h)	0-20
Option	0-30
Working voltage	12 Volt
Battery	88 AH

Dimensions	
Overall length with std. shovel	5850
Height to top of cabin	2417
Total working height	5490 ¹⁾ /5758
Total width	1570
Width across cabin	1010
Inside turning radius	1863
Lifting capacity max. (daN)	5027
Lift height (implement-pivot point)	5014

All specifications refer to shovel

1) Specifications for pallet fork

Tipping loads (kg)			
Tipping load in shovel	Tele. retrac.	exte.	
Machine straight, load arm horiz.	3281	1909	
Machine at angle, load arm horiz.	2821	1641	
Tipping load in pallet fork			
Machine straight, load arm horiz.	2922	1848	
Machine at angle, load arm horiz.	2512	1589	

4004

Engine	
4-cylinder Perkins turbo-engine (water-cooled)	■
Engine type 1004-40 T	■
Maximum power (kW/bhp) at rpm	74,5/100 2100
Displacement (cm ³)	3990
Fuel capacity (l)	100

Hydraulic system	
Driving hydraulics	
Flow rate (l/min)	140/118
Working pressure (bar)	420
Working hydraulics	
Flow rate (l/min)	70
Working pressure (bar)	235
Hydraulic oil (l)	70
Steering hydraulics	
Working pressure (bar)	190

Vehicle data	
Operating weight (kg)	6280
Driving speed (km/h)	0-20
Option	0-30
Working voltage	12 Volt
Battery	110 AH

Dimensions	
Overall length with std. shovel	5720
Height to top of cabin	2620
Total working height	5800
Total width	1750
Width across cabin	1155
Inside turning radius	2013
Lifting capacity max. (daN)	4176
Lift height (implement-pivot point)	5020

Tipping loads (kg)			
Tipping load in shovel	Tele. retrac.	exte.	
Machine straight, load arm horiz.	3836	2117	
Machine at angle, load arm horiz.	3429	1899	
Tipping load in pallet fork			
Machine straight, load arm horiz.	3350	2000	
Machine at angle, load arm horiz.	2995	1788	

5006

Engine	
4-cylinder Deutz diesel engine	■
Engine type BF4M 2011 F	■
Maximum power (kW/bhp) at rpm	60/81 2500
Displacement (cm ³)	3108
Cooling system (medium-cooled)	■
Fuel capacity (l)	65

Hydraulic system	
Driving hydraulics	
Flow rate (l/min)	140
Working pressure (bar)	450
Working hydraulics	
Flow rate (l/min)	88
Working pressure (bar)	190
Hydraulic oil (l)	75

Vehicle data	
Operating weight (kg)	5260
Driving speed (km/h)	0-32
Working voltage	12 Volt
Battery	88 AH

Dimensions	
Overall length with std. shovel	5025
Height to top of cabin	1980
Total working height	6303
Total width	1800
Inside turning radius	1735
Lifting capacity max. (daN)	5414
Lift height (implement-pivot point)	5405

All specifications refer to shovel

1) Specifications for pallet fork

Tipping loads (kg)			
Tipping load in shovel	Tele. retrac.	exte.	
Machine straight, load arm horiz.	5384	1662	
Tipping load in pallet fork			
Machine straight, load arm horiz.	4112	1570	



Telescopic Loader 2006

4-cylinder Perkins diesel engine 37,3 kW/50 bhp
4-cylinder Deutz diesel engine 51 kW/70 bhp



Telescopic Loader 4004

4-cylinder Deutz turbo-engine 51 kW/70 bhp
4-cylinder Perkins turbo-engine 74,5 kW/100 bhp



Telescopic Loader 3006

4-cylinder Perkins diesel engine 37,3 kW/50 bhp
4-cylinder Deutz diesel engine 45 kW/61 bhp or 60 kW/81 bhp



Telescopic Loader 5006

4-cylinder Deutz diesel engine 60 kW/81 bhp

Do you need more detailed information? –
Give us a call or request our data sheets
on the Telescopic Loader line.