

DEUTZ-FAHR

5670/5680/5690



**DEUTZ
FAHR**

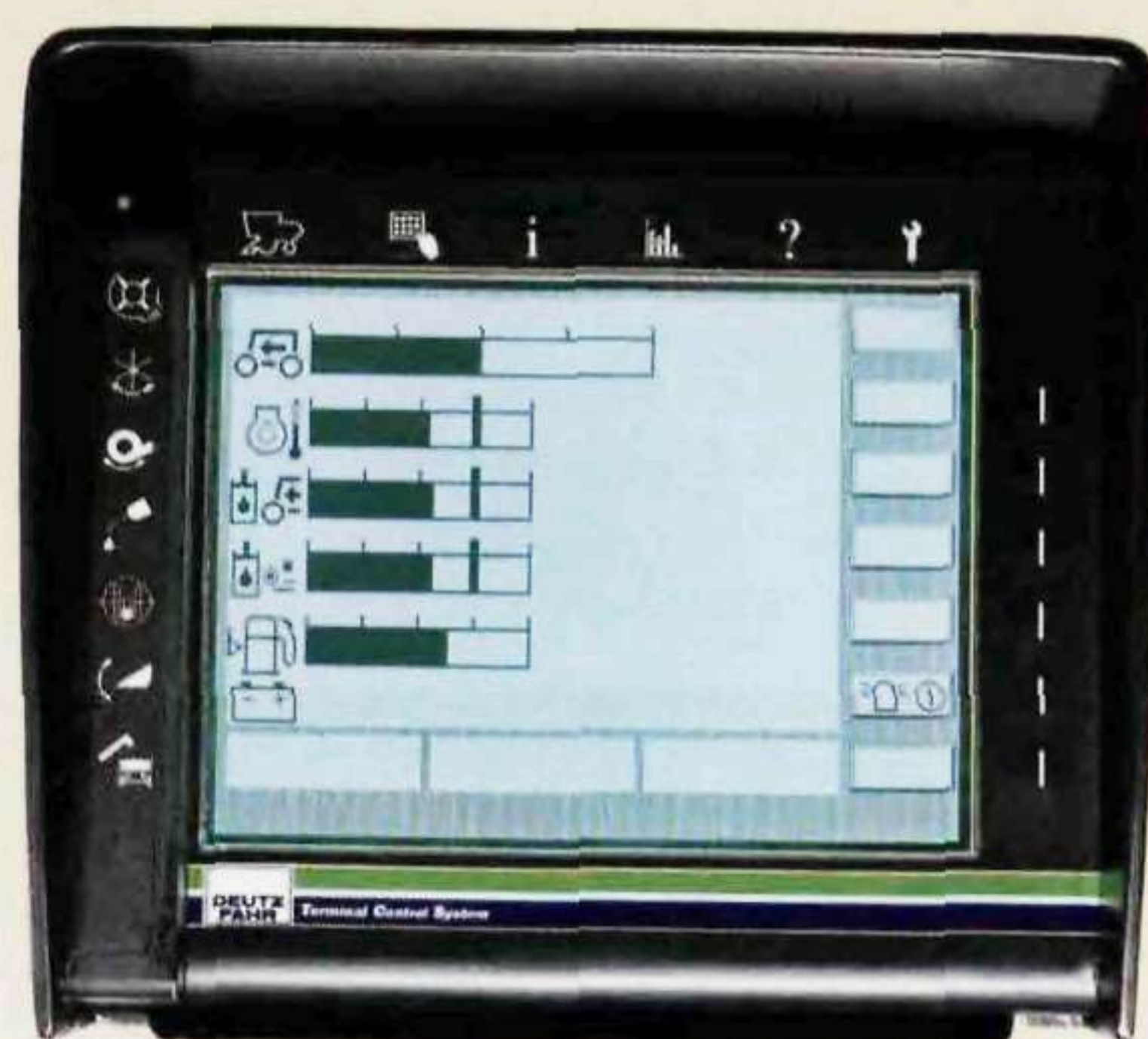


TOP PERFORMANCE IN ALL SITUATIONS.

The Balance slope compensation feature ensures top performance without losses in all situations. A constant threshing performance, a high degree of comfort and reliable threshing under hillside conditions with lateral slopes of up to 20% and uphill/downhill gradients of up to 6%.

WHERE WORK IS FUN.

Best view to the front and side, significantly more space, optimum ergonomics of the operating elements – the new CommanderCab III is a workplace with maximum driving and operating comfort.



EVERYTHING UNDER CONTROL.

Machines with TERIS/TCS are equipped with an automatic machine pre-setting (AMV) for concave settings, threshing drum speed, turbo-separator clearance, fan speed and sieve opening.



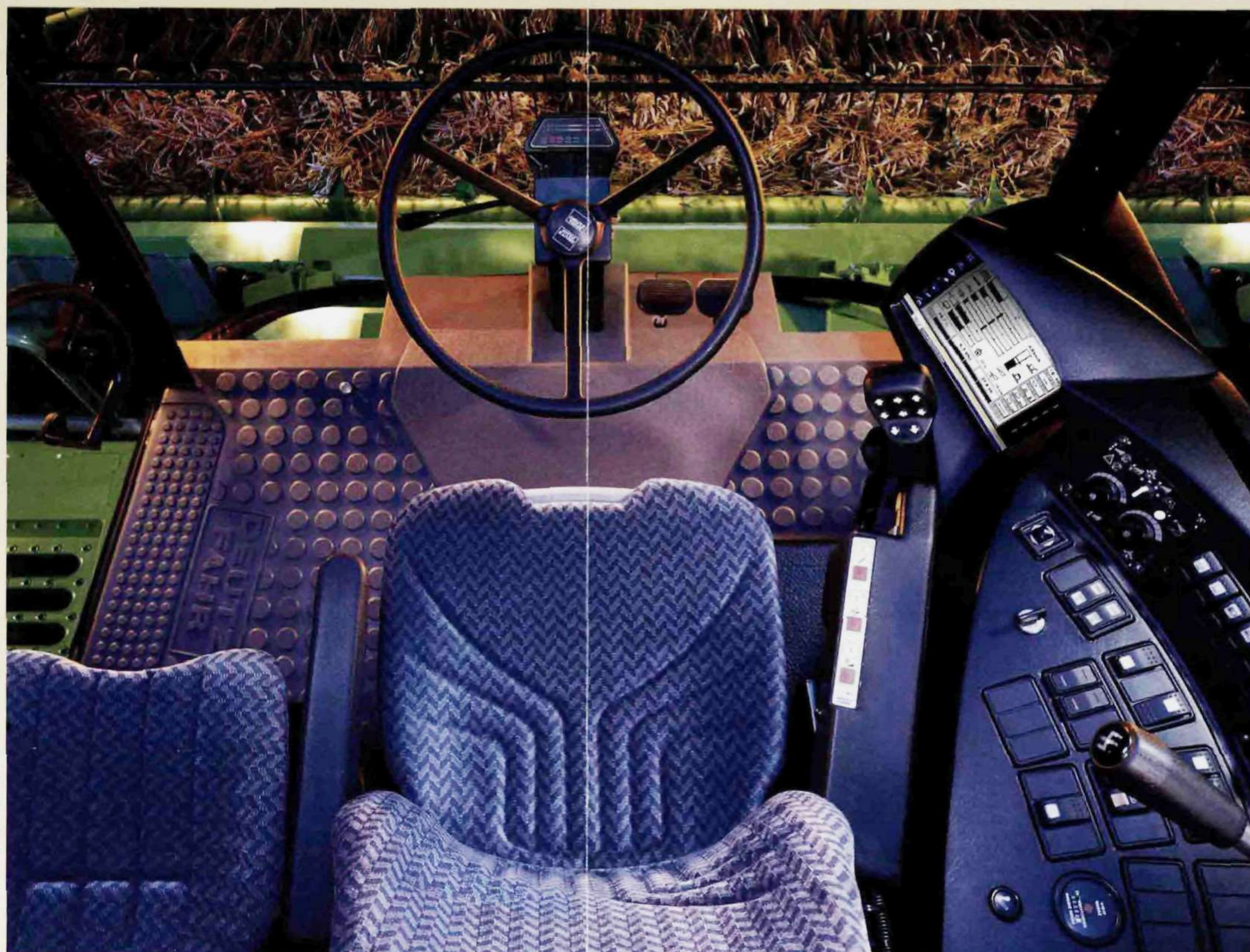
MORE THAN THOROUGH.

The threshing section satisfies the highest demands. The threshing unit provides an extremely high throughput and efficiency; maximum grain separation is already performed in the concave.



OPTIMUM ADJUSTMENT

Intake and discharge of the concave are separately and electrically adjusted. This ensures optimum adjustment to suit all types of crop.



TAKES A HARD BEATING ON ALL TERRAINS

The new DEUTZ-FAHR 6-walker generation stands for dynamics, economic efficiency, state-of-the-art technology, elegance. These are premium class combines which catch the eye – and not only because of their future-oriented technical features. 5670 H/HTS, 5680 H/HTS and 5690 HTS – for farmers and contractors with the highest demands regarding technical and comfort standards.

The new premium harvester with decisive extra benefits:

- Exemplary CommanderCab III cabin with a larger glazed area, providing generous freedom of movement and ultimate ergonomics for a stress-free workplace.
- High-efficiency cutting table with a working width of up to 7.20 m for maximum threshing power.
- Feeder channel with central locking system for easy operation of the cutting table.
- Supreme tangential threshing section for maximum grain separation efficiency in the concave.
- Engines from 190 kW/260 hp, air-cooled, up to 206 kW/280 hp and 235 kW/320 hp, liquid-cooled for supreme performance under all load conditions.
- Excellent accessibility for maintenance and service work to save time.

The new premium class combine harvesters naturally provide all important performance characteristics which have already proved their worth all over the world in the TOPLINER class. These include the Balance feature for operation under hillside conditions, the high performance cross-flow lateral fan and a grain tank volume of up to 8,500 litres.

TECHNICAL DATA

5670 5680 5690
H/HTS H/HJS HTS

Cuffing tube
Cutting width 3.60 - 7.20 m
Hydraulic cutting height adjustable from 0 to 1.370
Table floatation hydraulically controlled
Electrical cutting height display
Knife drive with planetary gear (12200rpm/min)
Stalk divider, lona on height and length, folding
Ear lasher, depending on cutting width, quantity 23
level control with automatic ground pressure regulation, vibration damping, cutting height preselection and electrical height indication
Reversing unit for feed auger and feed channel
Auto Control from 4 to 20 m
Cutting angle adjustment 0 0 0

6-part pickup reel with hydraulic height adjustment
Hydraulic horizontal adjustment
Electrical speed adjustment infinitely variable from 16 to 45 rpm
Automatic feed speed adjustment to traveling speed IHMW(t) 0 0 0

Threshing drum

Diameter mm 600 600 600
Width mm 1521 1521 1521
Beats per minute qty 8 8 8
Electrically adjustable clearance from 420 to 1.250 rpm . m
Threshing drum reduction gear u 0

Concave
Concave bars qty 15 15 15
Angle of bars/ribs degrees 12 12 12
Separating screw ni 1.3 1.3 1.3
Folding stand top, from below
Discharge plates, lateral control
Electrical adjustment of concave intake and discharge from driver's cab

Turbo-Separator (TS)

Diameter mm 590 590 590
Speed 775/400 rpm m . .
Separating screw m' 0.97 0.97 0.97

Straw walkers

Walkers qty 6 6 6
Drop (will) TS qty 5/4 5/4 5/4
Main bearings
Shaker area with JS 7.60/6.70 m² . . .
Jolcyl supporting area with TS 8.73/8.86 m² . . .
Independent collection and return pan

Chopper
hydraulic driven chopper with sprocket wheel drive

Cleaning
High efficiency lateral fan
Electrical fan speed adjustment front cab
Top sieve: slotted sieve with folding
Sieve extension
Sieve box light
Total sieve area m' 575 575 575
Bottom sieve: automatic stop compensation
Fully automatic 'Bohncc' stop compensation (by swiveling the lateral drives) 0 0 0

= standard 0 = upon request - = not available

TECHNICAL DATA

5670 5680 5690
H/HJS H/HJS HTS

ffelnf
Returns elevator with friction inserts, left and right
Grain tank
Capacity I 7.500 7,500 7.500
Discharge in all positions
Grain tank filling level indication visual and acoustic
Inside lighting
Grain sampling from driving position
Grain tank cover
Grain tank extension 1000l

Deutz engine

BF61 913. 6 cyl., 190kW (260hp) air-cooled
FBL513, 8 cyl., 206 kW (280 hp) water-cooled
BFi 81513, 8 cyl., 235kW (320 hp) water-cooled

Transmission
Hydraulic drive with preselection range (or infinitely variable speed control)
Speed 1st gear kph 0-3 5
2nd gear kph 0-8 4
3rd gear kph 0 20.0
Reversing 4 positions kph 0-4 0

Brake
Hydraulic footbrake. or mechanical parking brake

Steering
hydrostatic steering

Tyres

front 650/75 R32
rear 405/70R 20

Cab
Commander Cab III with air conditioning, CFC-free, with integrated cool box, with laminated panorama windscreen, tinted, with deluxe seat and arm rest #
Commander Stick for operating several functions 0
7 working lights on the cab 9
2 rear spot lamps #
Electrical comfort control for cutting table, threshing unit.
grain tank discharge and chopper #
TERIS/TCS monitor display 0 U 0

Safety
Sprung slip clutch for top straw channel
Safety, feed screw, reel Straw walker
drive and gear crew
DEUTZFAHR Agtronix with central information device, visual and acoustic monitoring of important functions qty 24 74 24
Electronic speed monitor for straw walker.
grotn and letutns elevator

Dimensions and weights
length without cutting table m 9.74 9.24 9.24
with cutting table without talk dwt dei m 10M9 10.89 10.89
with transporter up to 4.20 m
in transport position m 15.50 15.50 15.50
Width without cutter (will stand on tyres) m 3.29 3.29 3.29
Height with standard tyres m 3.99 3.99 3.99
Jack width front m 2.45
teat m 2.30
Wheelbase m 3.89
Weight without cutting table approx. kg 10,570 10,870 10,070
with cutting table 4.20 m approx. kg 11,045 11,945 12,145
with cutting table 4.80 m approx. kg 11,740 12,040 12,240

The illustrations in this brochure show equipment which is suitable for the respective application. Only the dealer's price list determines whether such equipment (e.g. ballast weights, cab equipment, tyre size etc.) is included as a standard feature or is a special accessory. Furthermore the technical data given is subject to alteration for technical or commercial reasons or statutory regulations and does not serve as a basis for claims of any nature.