



GRÚA PICK & CARRY

50/55 TN

Capacidad: 50 tn

Pluma: 14,38 m

Alcance: 9 m



Technical features crane 50 55 tm

| | |
|-------------------------|---|
| Carrier: | 4 x 2 x 2 |
| Frame: | Monolithic structure formed by two frame side members with high flexural and torsional rigidity connected in the front and rear part in the position of the front axle and of the rear gantry location. |
| Engine: | FPT type NEF N 67 displacement 6728 cc power 210 kW (286 CV) at 2200 rpm, torque 1150 Nm at 1500 rpm. EUROMOT IV at electronic control. Liquid cooling. Fuel tank capacity 300 liters. Urea tank capacity 40 liters. |
| Speed gearbox: | Transmission with ZF torque converter, type 4 WG 211 Ergopower transmissions with 4 forward and 3 reverse speeds. Hand operated or automatic control with electronic control. Max speed about 25 km/h. |
| Axels: | Driving front axle with differential-gear rigid suspension. Steering rear axle , central oscillation with limit switches is provide. |
| Tyres: | Twin tyres in the front axle and single tyres in the rear axle, type 16.00-R 25 32 PR. |
| Steering: | Hydraulic steering, DANFOSS system, controlling the hydraulic cylinder connected to the cylinders levers. Outer turning circle radius 6.79 m. System with hydraulic pump emergency ZF constant flow connected to the front wheels. |
| Brakes: | In compliance with EEC regulations for road travel, at hydraulic control powered by dedicated hydraulic pump. Multiple disc at oil bath in the front axle; dry disc at rear axle. Two independent circuits. Mechanical parking brake, spring-type acting in the transmission at front axle input controlled by electric switch |
| Cab: | Steel structure, right side. Wide visibility for the operator is provided. It is complete with rearview mirrors, instrumentation, windshield wipers, heater, adjustable ergonomic seat. The various movements are controlled by levers equipped with electrical device against unforeseen operations. |
| Electric system: | 24 V - 1680 W alternator, 2 batteries of 12V 180 Ah. |
| Boom: | Fabricated from box-type plate at high strength. |

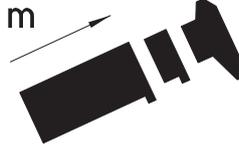
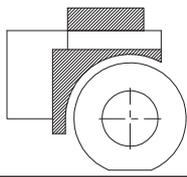


It is connected to the frame by means of rear gantry.
Telescopic boom with a base section and two extensions at independent hydraulic extraction control.
Extensions extraction by means of two double acting cylinders.
Derricking is provided through two double action cylinders.

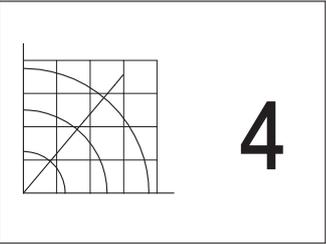
- Winch:** Oleodynamic with automatic brake.
Adjustable speed from 0 to 60 m/min, with 5500 daN capacity at 5th layer single rope; rope diameter 17 mm type antiturn with length of about 142 meters.
- Hydraulic system:** Fed by a variable delivery pump with electro-proportional distributor, compensated and anti-saturated.
Electronic keysender with four proportional operations.
Hydraulic oil tank capacity 360 litres.
- Safe load device:** Electronic - active type - with locking of the operations which can cause dangerous conditions when reaching the max crane capacity.
- Safety regulations:** The crane is equipped with all safety devices as per regulations in force. It complies with the requirements of Directive 2006/42/CE "Machine Directive" and to the EN 130001.
Structure according to regulation EN 13001.
Declaration of conformity CE.
- Road certification:** The crane is certified as exceptional operating vehicle according to D.L. 282 of 30/04/92n° 282 and D.M. of 14/06/85.
- Weight on road:** Total weight 28000 kg.
- Equipment on request:** Auxiliary counterweight
Various lengths special fly-jibs
Fix hook at the boom top
Spare wheel



1+2+3+4+5



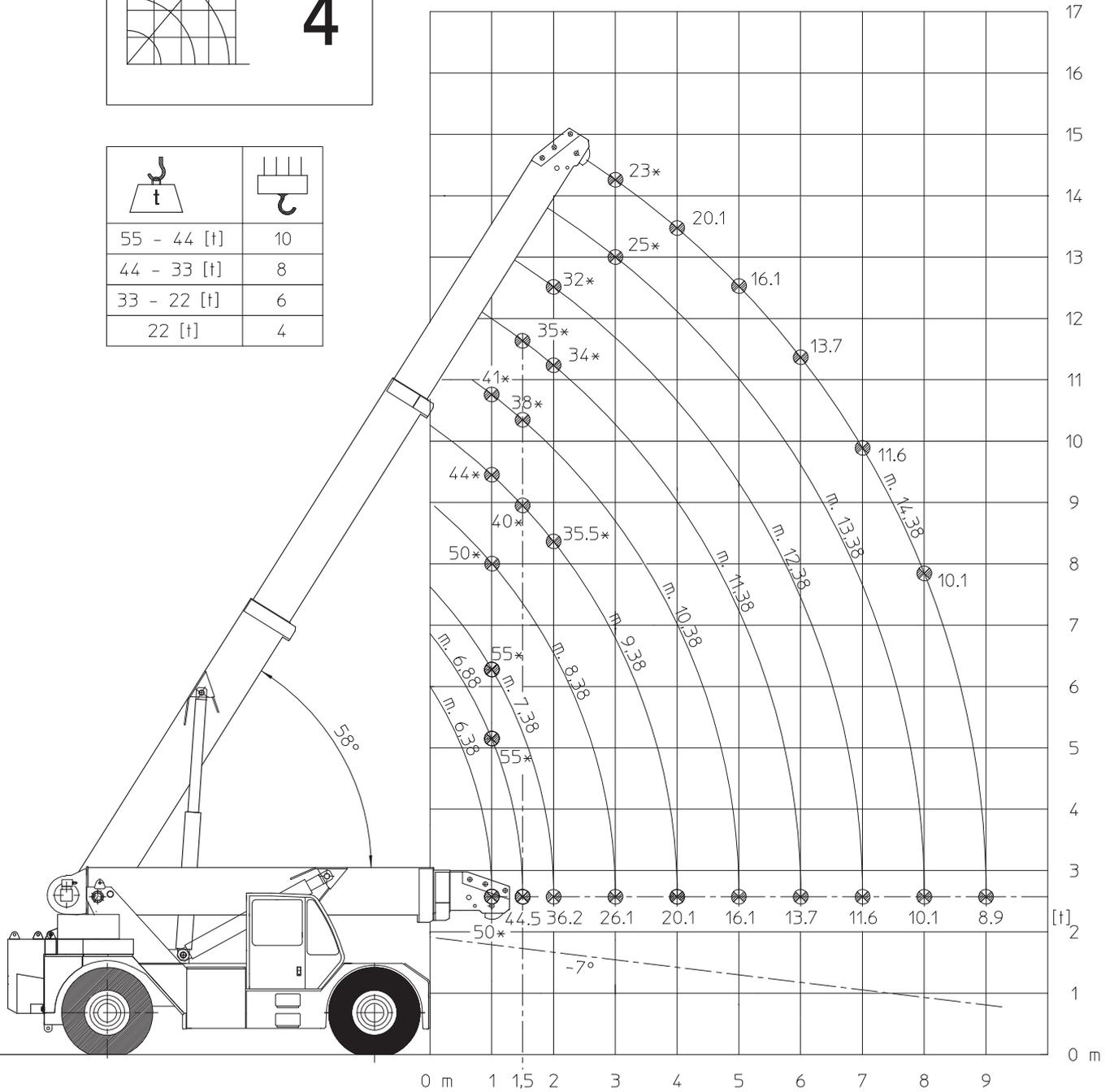
6,38 – 14,38



4

DIN

| | |
|-------------|----|
| | |
| 55 - 44 [t] | 10 |
| 44 - 33 [t] | 8 |
| 33 - 22 [t] | 6 |
| 22 [t] | 4 |



| | | | |
|--------|---------|--------|--------|
| | | | |
| 10 bar | B6 | 1 km/h | 1 km/h |
| | 48 km/h | | |

