

## TH 32.12

### TECHNICAL DATA SHEET

LIFT CAPACITY	32.000 Kg at 900 mm distance from center gravity 30.000 Kg at 1.200 mm distance from center gravity
MAXIMUM LIFTING HEIGHT	11,72 m
MAXIMUM RANGE	7,10 m
FORKS	Fork carriage with floating forks, width 2.200 mm Hydraulic fork positioner Forks 240x110x2200 mm
CAB	FOPS-ROPS tested hermetic cab Front and rear wiper Headlights for road circulation, flashing beacon Rear view mirrors Heating Air conditioning
CONTROLS	Multi-function electro proportional joystick
BRAKE SYSTEM	With hydraulic servo-assisted multidisc brake in oil bath on both axles, with double circuit Negative parking brake
MOTOR	Mercedes OM 926 LA –4 Interim Turbo intercooler 6 cylinders / 7200 cm <sup>3</sup> Power 320 CV – 240 KW Regime = 2200 Max torque 1300 Nm at 1200 rpm Electronic injection (single pump each injector) Liquid cooling system
AXLES	Heavy Duty with 2-stage epicyclic reduction Two steering cylinders each axle Levelling correction front axle at + 5° on the right and + 5° on the left 3 types of steering: - with 2 front steering wheels - with 4 concentric steering wheels - with 4 crab steering wheels Tilting rear axle
TRANSMISSION	Rexroth hydrostatics Variable displacement hydrostatic pump 175 cc with electronic control Two variable displacement hydrostatic motors Hydraulic gearbox with 3 speeds forward / reverse Disconnection rear axle
HYDRAULIC SYSTEM	Load sensing piston pump 100 cc 220 l/min Circuit at 350 bar Proportional hydraulic distributor Rexroth Intake and exhaust filters High pressure flexible hoses
TANKS CAPACITY	Engine oil = 28 l Engine cooling = 25 l Hydraulic oil = 300 l Fuel = 300 l
TIRES	29,5 – R25 ** two each axle, driving and steering 24.00 – 35 ** optional
EMPTY WEIGHT	39.500 kg
SAFETY	Electronic security system which controls the load with definition of the lifted load, radius and comparison with the diagrams stored. Block of aggravating motions of the load. Safety valves on cylinders