

Pm Trac multipurpose tractor *Generation 38*

Technical specification

Multipurpose tractor	Pm Trac 3820	Pm Trac 3825	Pm Trac 3830
Engine	In-line six-cylinder turbo diesel engine with electronic control, common rail, EU V exhaust stage, Cleanfix MC switchover fan		
Power (at 2,100 min ⁻¹ to ISO14396)	151 KW/ 205 hp	186 KW/ 253 hp	215 KW/ 292 hp
Torque	818 Nm at 1,500 rpm	1,027 Nm at 1,500 rpm	1,280 Nm at 1,950 rpm
Engine displacement:	7.4 litre	7.4 litre	7.4 litre
Cooling	water-cooled / turbocharger / intercooling		
Exhaust-gas aftertreatment	SCR technology with AdBlue injection, soot particle filter		
Tank capacity	400 l diesel, 40 l AdBlue	400 l diesel, 40 l AdBlue	400 l diesel, 40 l AdBlue
Transmission	variaDRIVE 0-50 km/h		
Specifications	Continuously variable, power-split transmission with cruise control function, engine transmission management, three forward travel ranges, two reverse travel ranges, max. travel speed at low-ered engine speed (approx. 1,800 rpm), active standstill control		
Front axle	Hydro-pneumatically suspended thrust tube axle with automatic level control, electro-hydrau-lically switchable differential lock, central front axle drive, integrated constant-velocity steering cylinder, axle automatically locked when crane is stationary		
All-wheel drive	All-wheel & differential lock management		
Steering	Hydrostatic steering, steering column can be folded away when working, joystick steering		
Brakes	Two-circuit air brake Rear axle: Dry drum brake, pneumatically-actuated parking brake via Tristop cylinder with inte-grated trailer test position, single-wheel brake Front axle: Dry disc brake incl. integrated Opti-Stop front axle brake		
PTO	switchable PTO 750 / 1,000 rpm (option: 1,000 / 1,450 rpm) PTO connection 1 3/8" pluggable PTO shaft, electro-hydraulic switchable wet multi-plate clutch, PTO automatic, PTO management, adjustable start-up mode, automatic switch-off (speed-dependent)		
Hydraulics	Hydraulic system with axial piston pump, controlled load sensing, hydraulic oil cooler		
Flow rate / operating pressure	160 l/min / 210 bar (option: 200 l/min)		
Power hydraulics	180 l/min / 350 bar		
Electronics	CAN BUS system: Central control and monitoring of engine, gear unit, and auxiliary control units at the operator station Integrated functions for crane settings, all-wheel drive, differential, steering Four different driver settings can be stored, additional Pfanzelt default setting		
Front power lift	max. lifting force 35 kN, double-acting		
Rear power lift	Max. lifting force 82 kN, external lifting cylinder with float position, switchable to double-acting for lifting and pushing Quick coupler for the lower link, adjustable lower link stabilisers		
Front loader	Flange points on the integrated support frame for mounting front loader consoles		
Rear compartment	Pfanzelt system pick-up (PSA), vehicle support frame for stabilisation, block design		
Cab	Large volume, air-suspended cabin with all-round visibility (over 7 m ² window area), two large roof windows, safety cabin according to ISO standards (ROPS)		
Operator stand	Air-suspended swivel seat with seat heating, rotation by electric motor by 340°		
Ventilation	Powerful heater and air-conditioning system with three-speed blower, incl. automatic climate control system		
Add. Standard equipment	Removable fenders, storage box, pneumatically controlled step, fire extinguisher		
Road approval	COC document, machine definition (agricultural tractor/implement carrier)		
Empty weight / admissible total weight	depending on equipment / 14 t		

You can find the extensive range of accessories in our configurator: configurator.pfanzelt.com

