

# Pm Trac multipurpose tractor *Generation 38*

## Technical specification

| Multipurpose tractor                           | Pm Trac 3820  | Pm Trac 3825              | Pm Trac 3830              |
|--|---|---------------------------|---------------------------|
| <b>Engine</b>                                  | 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 <sup>-1</sup> 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 |
| <b>Transmission</b>                            | <b>variaDRIVE 0-50 km/h</b>   |                           |                           |
| 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                                   |                           |                           |
| <b>Front axle</b>                              | Hydro-pneumatically suspended thrust tube axle with automatic level control, electro-hydraulically switchable differential lock, central front axle drive, integrated constant-velocity steering cylinder, axle automatically locked when crane is stationary                                     |                           |                           |
| <b>All-wheel drive</b>                         | All-wheel & differential lock management  |                           |                           |
| <b>Steering</b>                                | Hydrostatic steering, steering column can be folded away when working, joystick steering  |                           |                           |
| <b>Brakes</b>                                  | <b>Two-circuit air brake</b><br>Rear axle: Dry drum brake, pneumatically-actuated parking brake via Tristop cylinder with integrated trailer test position, single-wheel brake<br>Front axle: Dry disc brake incl. integrated Opti-Stop front axle brake  |                           |                           |
| <b>PTO</b>                                     | switchable PTO 750 / 1,000 rpm (option: 1,000 / 1,450 rpm)<br>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)                                     |                           |                           |
| <b>Hydraulics</b>                              | 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   |                           |                           |
| <b>Electronics</b>                             | CAN BUS system: Central control and monitoring of engine, gear unit, and auxiliary control units at the operator station<br>Integrated functions for crane settings, all-wheel drive, differential, steering<br>Four different driver settings can be stored, additional Pfanzelt default setting |                           |                           |
| <b>Front power lift</b>                        | max. lifting force 35 kN, double-acting   |                           |                           |
| <b>Rear power lift</b>                         | Max. lifting force 82 kN, external lifting cylinder with float position, switchable to double-acting for lifting and pushing<br>Quick coupler for the lower link, adjustable lower link stabilisers   |                           |                           |
| <b>Front loader</b>                            | Flange points on the integrated support frame for mounting front loader consoles  |                           |                           |
| <b>Rear compartment</b>                        | Pfanzelt system pick-up (PSA), vehicle support frame for stabilisation, block design  |                           |                           |
| <b>Cab</b>                                     | Large volume, air-suspended cabin with all-round visibility (over 7 m <sup>2</sup> window area), two large roof windows, safety cabin according to ISO standards (ROPS)   |                           |                           |
| <b>Operator stand</b>                          | Air-suspended swivel seat with seat heating, rotation by electric motor by 340°   |                           |                           |
| <b>Ventilation</b>                             | Powerful heater and air-conditioning system with three-speed blower, incl. automatic climate control system   |                           |                           |
| <b>Add. Standard equipment</b>                 | Removable fenders, storage box, pneumatically controlled step, fire extinguisher  |                           |                           |
| <b>Road approval</b>                           | COC document, machine definition (agricultural tractor/implement carrier)   |                           |                           |
| <b>Empty weight / admissible total weight</b>  | depending on equipment / 14 t   |                           |                           |

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