

System tractor Pm Trac III.5

Technical specification

System tractor type	Pm Trac/ Forstrac 2380.5
Engine	Deutz TCD 6.1 Stage V
Performance (at 2,100 rpm according to ISO14396)	133 kW
Torque	818 Nm at 1,500 rpm
Number of cylinders/ displacement	6/ 6.1 l
Cooling	water-cooled / turbocharger / intercooling
Exhaust-gas aftertreatment	SCR technology with AdBlue injection, soot particle filter
Tank capacity	145 l (optional second tank with 120 l)
Transmission	ZF Type S-matic
Specifications	power-split and continuously variable reversing gear with cruise control for forward and reverse drive, engine-transmission management, 3 driving ranges, preselectable driving speed 0-50 km/h, reversing gear (forward/reverse), active standstill control (parking lock)
Front axle	Hydropneumatically sprung thrust tube axle with automatic level control (Axle automatically locked when in standstill/ with crane operation)
All-wheel drive	Comfort all-wheel and differential lock management
Steering	Hydrostatic steering, steering column folds away during operation, incl. joystick steering via control unit
Brakes	Hydraulic, servo-assisted multi-disc brakes in oil bath, multi-disc brakes on the rear axle, spring-loaded parking brake, 2-circuit air brake system
PTO	4-fold engine PTO 540, 540E, 1000, 1000E rpm with PTO management
Hydraulics	Pressure and volume-controlled axial piston pump in load sensing design
Flow rate/ working pressure	140 l/min / 210 bar
Optional additional pump	120 l/min / 210 bar
Control valves	Electrically and proportionally controlled valves, quantity and time-adjustable on the display
Electronics	CAN BUS system: Central control and monitoring of engine, transmission, additional control units, Operating terminal with touch screen at the control station
Power lift	
Front power lift	max. lifting force 35 kN, double-acting
Rear power lift	max. lifting force 82 kN, operated via control valve EW with float position, switchable to double-acting for lifting and pushing, adjustable lower link stabilisers
Front loader	Flange points on the integrated support frame for mounting front loader consoles
Rear compartment	Pfanzelt System mount (PSA), vehicle support frame for stabilising the block construction with hook attachment
Cab	Large-volume, air-suspended cab with all-round visibility (over 7 m ² window area), two large roof windows at the rear and front, safety cab according to ISO standards (ROPS)
Air-sprung swivel seat with seat heating	can be rotated through 350° by electric motors
Ventilation	Heating with 3-stage blower, automatic air conditioning
Fire extinguisher	•
Lighting	12 worklights integrated into the cab roof.
Additional Standard equipment	Removable fenders, storage box with integrated pneumatically controlled step
Empty weight / admissible total weight	depending on equipment / 14 t



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System tractor type	Pm Trac/ Forstrac 2385.5
Engine	Deutz TCD 6.1 Stage V
Performance (at 2,100 rpm according to ISO14396)	174 kW
Torque	1027 Nm at 1,500 rpm
Number of cylinders/ displacement	6/ 6.1 l
Cooling	water-cooled / turbocharger / intercooling
Exhaust-gas aftertreatment	SCR technology with AdBlue injection, soot particle filter
Tank capacity	145 l (optional second tank with 120 l)
Transmission	ZF Type S-matic
Specifications	power-split and continuously variable reversing gear with cruise control for forward and reverse drive, engine-transmission management, 3 driving ranges, preselectable driving speed 0-50 km/h, reversing gear (forward/reverse), active standstill control (parking lock)
Front axle	Hydropneumatically sprung push tube axle with automatic level control (axle automatically blocked during crane operation/ when stationary)
All-wheel drive	Comfort all-wheel and differential lock management
Steering	Hydrostatic steering, steering column folds away during operation, incl. joystick steering via control unit
Brakes	Hydraulic, servo-assisted multi-disc brakes in oil bath, multi-disc brakes on the rear axle, spring-loaded parking brake, 2-circuit air brake system
PTO	4-fold engine PTO 540, 540E, 1000, 1000E rpm, with PTO management
Hydraulics	Pressure and volume-controlled axial piston pump in load sensing design
Flow rate/ working pressure	140 l/min / 210 bar
Optional additional pump	120 l/min / 210 bar
Control valves	Electrically and proportionally controlled valves, quantity and time-adjustable on the display
Electronics	CAN BUS system: Central control and monitoring of engine, transmission, additional control units, operating terminal with touch screen at the operator's workstation
Power lift	
Front power lift	max. lifting force 35 kN, double-acting
Rear power lift:	max. lifting force 82 kN, operated via control valve EW with float position, switchable to double-acting for lifting and pushing, adjustable lower link stabilisers
Front loader	Flange points on the integrated support frame for mounting front loader consoles
Rear compartment	Pfanzelt System mount (PSA), vehicle support frame for stabilising the block construction with hook attachment
Cab	Large-volume, air-suspended cab with all-round visibility (over 7 m ² window area), two large roof windows at the rear and front, safety cab according to ISO standards (ROPS)
Air-sprung swivel seat with seat heating	can be rotated through 350° by electric motors
Ventilation	Heating with 3-stage blower, automatic air conditioning
Fire extinguisher	•
Lighting	12 worklights integrated into the cab roof.
Additional standard equipment	Removable fenders, storage box with integrated pneumatically controlled step
Empty weight / admissible total weight	depending on equipment / 14 t