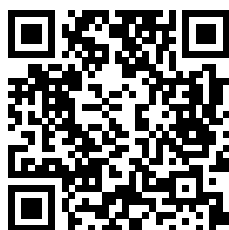


# **PIERRE** since 1883 *trattori*



**You**Tube



*Reversible  
Twin Steering System  
Hydrostatic Transmission*

**P796V<sup>evo</sup>**





**Cab:** certified, with excellent visibility, coloured window glass, the windows are in line with the tractor's body to avoid damages to crops, supported on silent-blocks, heating system, front and rear wipers, air filter, front and rear openable windows, internal electric socket for radio, rear electric socket 12V 8A for auxiliary equipment, two switches for the lift control at the rear part of the cab, rear openings for cables coming from the equipment. Air conditioning with high cooling capacity (no increase in cab size).

**Display - dashboard:** displays all the tractor's work parameters; 16,7 million colours, with sensor of ambient light to adjust automatically the display brightness. The supporting system featuring display fixed independently in the center of the steering wheel gives excellent visibility of all the parameters. The display features IP67 protection level, resistance to 5G shocks and vibrations and resistance to chemical products used in agriculture.



**The standard hydraulic system** has a flow rate of 41lt/min, with a heat exchanger and the Load Sensing valve for the power steering. Optional - a dual hydraulic circuit with heat exchangers and a flow rate of 25 lt/min for the power steering and 41 lt/min for auxiliary services; up to four single- and double-effect hydraulic distributors for auxiliary equipment controlled by the **multi-function Joystick** and a flow regulator - to adjust the speed of the auxiliary hydraulic actuators and engines.



## KOHLER Engines



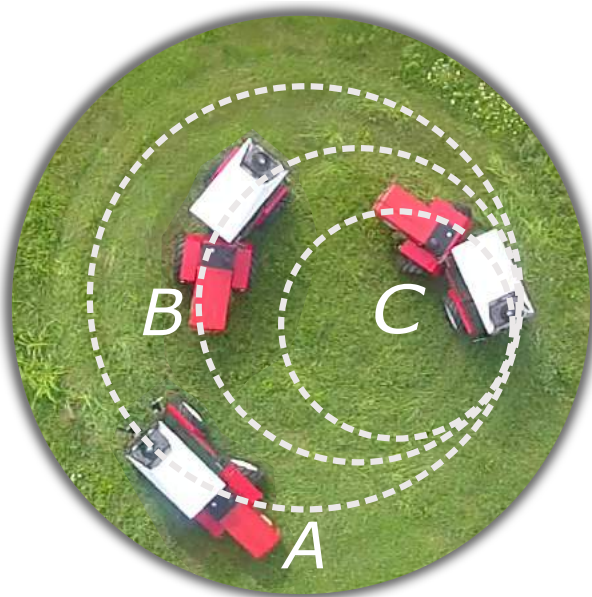
**Oscillating ISF** (integral steel frame): complete with mountings for rear, front and side equipment, unique on the market, mad of high-strength steel to withstand greater loads, elastically absorbing stresses; the engine is suspended on silent-blocks in order to reduce vibrations transmitted to the chassis and resulting in noise reduction. The chassis is protected against corrosion using cataphoresis painting process and supplementary epoxy powder coating.

### Engine KOHLER model KDI 2504 TCR

- 4 cylinder in line, 16 valves - displacement 2482 cm<sup>3</sup> diesel, turbo with after-cooler
- power: 55,4 kW (75 HP) @ 2300 RPM (97/68 CE)
- maximum torque: 300 Nm @ 1500 RPM (97/68 CE)
- specific fuel consumption: 210 g/kW - water cooled
- conforms stage 3B/TIER 4 FINAL emission norms, without diesel particulate filter (DPF)



## TWIN STEERING SYSTEM



### A - Steering wheels

- greater stability of the machine
- less impact on the tool's movement while steering

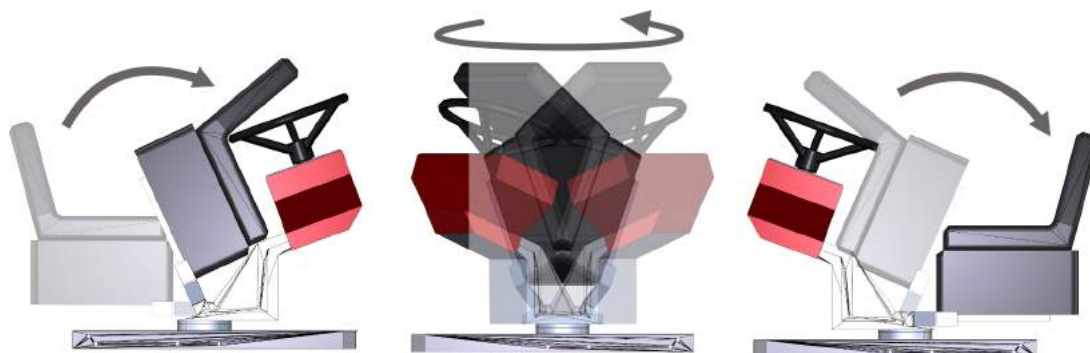
### B - Central articulation

- smaller turning radius
- tool moves following the tractor's tracks (very useful when driving backward)
- lateral movement of the tool while steering

### C - Contemporaneous use of both steering systems

- significant lowering of the turning radius - up to 40% reduction
- avoiding of slide down of the rear part of the machine while working across the slope

## REVERSIBLE DRIVING STATION



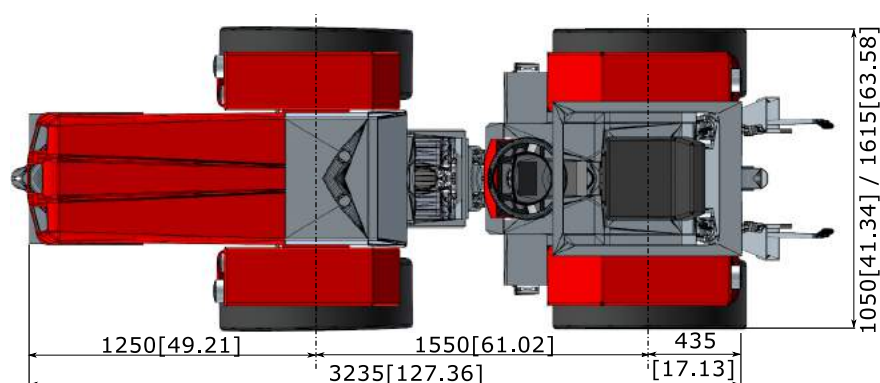
The driving station is supported on silent blocks, it can be easily rotated for inversion of the driving direction. The driving station is provided with adjustable suspended seat and duplicated number of pedals for both driving directions.

## HYDROSTATIC TRANSMISSION

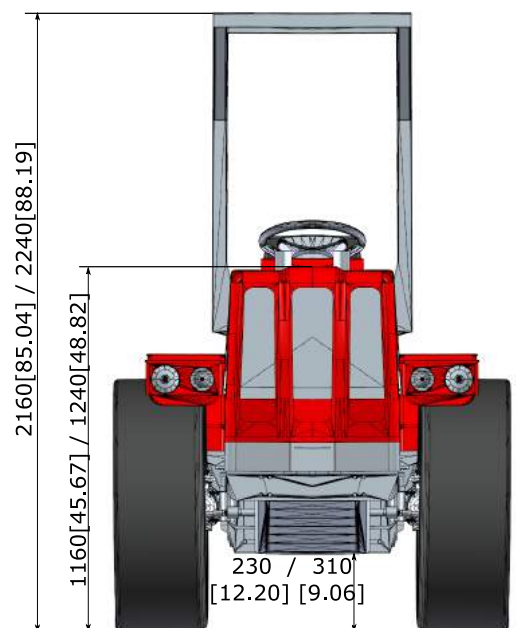



Hydrostatic transmission with high efficiency, 2 mechanic and 2 hydraulic gears, continuously variable velocity from 0 to 40 km/h in both directions, with multi-function joystick, "AUTOMOTIVE SYSTEM" dedicated for use on roads with automatic adjustment of the velocity relative to the engine's load. On request the automatic control of the set maximum velocity is available. During the maneuvers, especially in steep slopes, to stop the tractor it is not necessary to use the clutch and the brake, but it is enough to move the joystick in "stop" position, allowing to use the vehicle with safety and quickness, impossible to reach using tractors with traditional gearbox. The hydrostatic transmission is clutch free, allowing for considerable savings in maintenance costs.

<b>CHASSIS</b>	Oscillating integral steel frame
<b>ENGINE</b>	Kohler KDI2504TCR, 16 valves, turbo intercooler, common rail
<b>Emission norms</b>	Stage 3B/TIER 4 Final
<b>n. of cylinders</b>	4
<b>Displacement</b>	2482
<b>Power kW/CV (97/68/CE)</b>	55,4/75 a 2300 rpm
<b>Max. torque (Nm@RPM)</b>	300 Nm @ 1500 rpm
<b>Coolant</b>	Water
<b>Specific fuel consumption</b>	Min. 210 g/kWh, @ max. power 222 g/kWh
<b>TRANSMISSION SYSTEM</b>	Hydrostatic continuously variable speed from 0 to 40 kph in both directions, 2 mechanical and 2 hydraulic gears - selectable, "AUTOMOTIVE SYSTEM" for road use
<b>POWER TAKE-OFF</b>	Rear, independent with progressive and adjustable electro-hydraulic engagement at 540 rpm - 1" \ SAE shaft - 6 splines
<b>REAR HYDRAULIC LIFT</b>	With 3 point hitch, capacity (kg/lbs): 2400/5291
<b>STEERING</b>	Hydraulic with load sensing system + "TWIN STEERING SYSTEM"
<b>BRAKES</b>	Service brakes: on four wheels disc brakes in oil bath, hydraulically controlled; parking brake - drum type on transmission
<b>PLATFORM</b>	Suspended on silent-blocks with reversible driver station - quick & easy
<b>WEIGHT</b>	with ROPS - 2000/4409 (kg/lbs), with cab - 2300/5070 (kg/lbs)
<b>TOWING HITCH</b>	Cat. C adjustable
<b>TOWING CAPACITY</b>	6000/13227 (kg/lbs) using <b>front wheel steering</b> 4000/8818 (kg/lbs) using <b>central articulation</b>
<b>TYRES</b>	8.25x16 240/70R16 260/70R16 280/70R16 280/70R18 320/65R18 340/65R18
<b>MINIMUM WIDTH</b> <b>mm</b> <b>in.</b>	1050 1100 1150 1150 1230 1315 1315 41.43 43.31 45.28 45.28 48.43 51.77 51.77
<b>DASHBOARD</b>	Color display, IP67 protection grade, 30G shock resistance, resistant to chemicals used in agriculture
<b>STANDARD FEATURES</b>	multi-function joystick * ROPS * adjustable, suspension seat with safety belt * dashboard - color display * dry air filter with cyclone pre-filter * electrical power point for trailer * heat exchanger for hydraulic lift and distributors
<b>OPTIONAL</b>	Certified cab * air conditioning * up to four hydraulic distributors with manual or electric control * flow regulator * double hydraulic circuit * direct drain in the hydraulic oil tank * ballast weight * PTO @ 540/750 RPM * air suspension seat * third hydraulic point with block valve * hydraulic vertical tie-rod with block valve * lift quick swift linkages cat.1 * 2 rear work lights * rotating beacon



units: mm [in.]



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