

# BASIC MACHINE DATA

## ENGINE

Model	CAT® C7.1* Tier III
Net Flywheel power	228 HP/168 kW
Governed speed	2200 rpm
Displacement	6 in line cylinder

\*optional engines: IVECO N67, PERKINS 1106D, also Available TIER IV / Stage V

## TRANSMISSION

Type	Hydrostatic closed circuit
Brakes	2 integrated negative control
Final drives	Epicycloidal oil soaked
Maximum speed (empty)	1 speed - 3 km/h 2 speed - 5 km/h

\*value with steel tracks

## CONTROLS

Type	Twin Axis Joystick
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## PERFORMANCE

Max Slope 1 speed (empty)	36° / 80%
Max Slope 2 speed (empty)	18° / 40%
Departure Angle	32°
Approach Angle	25°

## FLUID CAPACITIES

Fuel tank	250 lt
Hydraulic System circuit	200 lt
Cooling system	20 lt
Engine oil	16 lt
Final drive each	5+5 lt

## HYDRAULIC SYSTEM

Main Pumps	2 Sauer Danfoss variable speed
Maximum capacity	200 lt/min
Maximum operating pressure	400 bar
Service pumps	1 gear pump
Maximum capacity	60 lt/min

## TRACK FRAME

Material	S355 (eq A572 gr.50)
Platform Surface	7,1 sqm
Number of bottom rollers	9
Number of carrying rollers	2
Length of track on the ground	3450 mm
Standard shoes width	600 mm*
Ground contact area	2,07 sqm

\*Optional shoes width 760 mm

## ELECTRIC SYSTEM

Operating voltage	24 V
Maintenance free supplied batteries	2x12 V
Total Battery Capacity	2x135 Ah
CCA	800 A
Alternator	85 A



# TP-18 PAYWELDER

Our TP-18 is the perfect tractor for pipeline welding and not only. It has been designed in compliance with the most common requirements of pipeline contractors: it is very light, flexible and with excellent stability and traction.

The TP-18 is designed to be easily maintained at site: all its components such as transmission, engine, cranes, hydraulics etc.. have been selected from top suppliers with a global assistance network. In particular the TP-18 is powered by CAT® engines, the best solution for high reliability and best after sales service with the back up of the world leading manufacturer in the construction sector. Alternative engine manufacturer are available as an option.

Special care has been dedicated to the comfort of the driver:

- the crane and the gas bottle rack can be operated from the cabin
- the engine is sound proof
- the cabin is mounted on shock absorbers for best comfort
- Upon request front blade, A\C, Webasto, GPS and rear camera can be installed

Also safety has been taken into account and all the TP-18 adopt ROPS protection for the operator cabin.

To give the maximum flexibility and value-for-money at site, the TP-18 can be easily customized and used for many different purpose: the platform can be quickly dismantled and replaced with another one set for different purpose such as:

- Pipe Carrier
- Manual Welding
- Automatic Welding
- Dumper
- Crew transportation
- Sandblasting
- Induction Heating
- Water/Fuel tank
- Bevelling machine version

# TP-18 MULTIPURPOSE TRACTOR

Robust and multipurpose vehicle  
Larger platform dismantling  
Caterpillar Engine  
Steel or rubber chain  
Sauer-Danfoss hydrostatic transmission

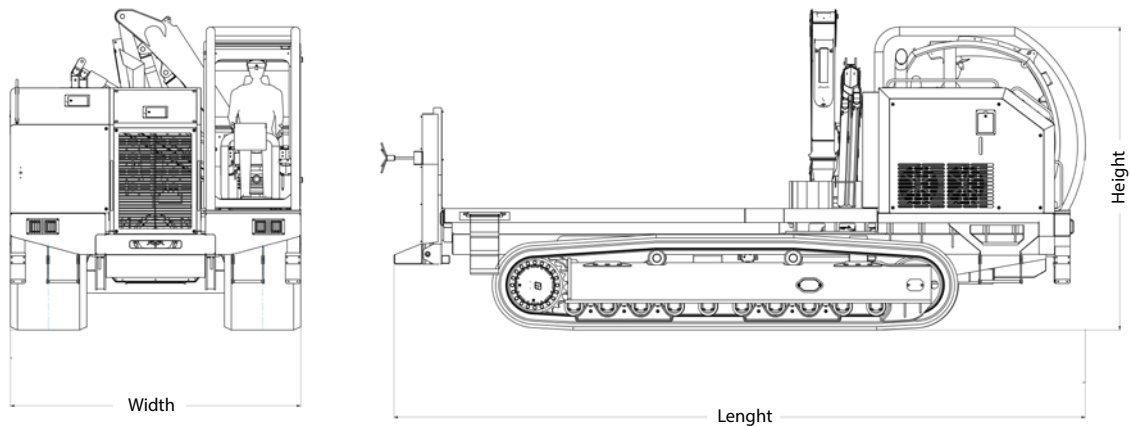


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PIPELINE SOLUTIONS

# DIMENSIONS AND WEIGHTS



## DIMENSIONS

Width	2900 mm
Lenght	6909 mm*
Height	3022 mm

**NET WEIGHT** 12.000 KG

**OPERATIONAL WEIGHT** 18.000 KG

\*length with bottlerack installed

Width may differ in case of TIER IV F/Stage V engines



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