

TP-15

MULTIPURPOSE TRACTOR



- Reliable and heavy duty (designed to work in the most extreme conditions from -40°C to +50°C)
- Steel or rubber chain
- Closed loop hydrostatic transmission
- Easy platform dismantling

TP-15 PAYWELDER



The flatbed tractor Coris TP-15 was not converted from the crawler tractors available on the market. It was originally designed and created as a welding tractor.

Coris srl accumulated great experience as a manufacturer and a lessee. The result of this constant interaction with contractors allowed to develop very reliable and heavy duty machine.

If necessary and requested the contractor can use the multi-function option - it would allow to convert the Coris TP-15 into induction heating machine, a sandblasting unit or a workshop.

But first of all, this is a welding tractor.

Low ground pressure, dimensions, special modification of the crane, driving performance the best component manufacturers - all of this has made it popular among pipeline contractors.



The crane mounted on the TP15 was specially designed and optimized for the construction of pipelines.

It has a distinctive feature which is a double rotational momentum that allows to easily move the welding tent even on the steep slopes.

Standard cranes work without problems on flat terrain, however on slopes they are significantly inferior to the cranes specially designed for pipelines - with a double rotational momentum.



Reinforced column allows reliable long-term movement with a hanging welding tent on one side of the tractor, even in very rough (rocky or frozen terrain) conditions where vibration is high.

The height of a column was specifically studied to fit into the transportation requirements - it is of 2.9 m high for the 10-ton crane option.

BASIC MACHINE DATA

The TP15 is also a multi-functional tractor. It could be used during all phases of the pipeline construction (welding, sandblasting, insulating, refueling).

The undercarriage can be built with a rubber track (version "R", "triangle" undercarriage) or steel track (version "S", straight undercarriage). These options are interchangeable at a later stage.

The standard version is equipped with a 10-ton lifting capacity crane. However, there is an option to mount a 15-ton crane.

The platform is designed for installation of welding generators, a generator inside an insulated box and is equipped with a hydraulic lift for gas bottles.

Today, the TP15 is included in the fleet of the world's largest contractors as a multi-purpose use tractor.



TECHNICAL DATA

Track width	2,5 m
Track length	4,0 m
Shoes width	600 mm
Max operating slope	30 degrees
Max ground pressure	0,4 kg/m ²
Operating control	Joystick
Travel speed	0-9 km/h
Total weight	19,000 kg

The Coris flatbed tractor TP-15 retains the simplicity of design with a limited number of electronic components. It was developed in such a way that every mechanic could solve the problem on the jobsite, right in the field.

At the same time, the Coris TP tractor has a number of features that increase the economic effect of its use and improve performance. This model was developed taking into account the demands and requirements of the end users of these tractors.

Coris TP-15 is a very robust machine that is developed to perform in extremely harsh weather conditions. Here on the picture, TP-15's are seen working with the outside temperature below 40 degrees C°.



The TP-15 chassis has a modular design and can be mounted on 10 rollers of 4450 mm length. It was optimized for swampy areas where low ground pressure is required. The standard value is 0.34 kg/cm² with a 600 mm shoe and a 4,000 mm long undercarriage.

The width of the tractor is 2500 mm, which ensures fast and inexpensive transportation within road regulation requirements.

The engine in the Coris TP-15 version is placed in the center of the tractor.

This allowed to mount the crane right behind the cabin. It led to a shorter car, despite the fact that platform is the longest in its class.



CHARACTERISTICS

HYDRAULIC SYSTEM

Main Pumps	Closed loop
2 independent hydrostatic variable pumps travel	
Max operating pressure	400 bar
Hydraulically controlled without electronics	

ENGINE

Type	IVECO or Caterpillar
Model	N67 or C7.1
Power	173 Hp (129 kW @2200rpm)
Displacement	6,7 or 7.1 litres

ELECTRIC SYSTEM

Operating voltage	24V
Capacity	2x100 Ah
Alternator	50 A

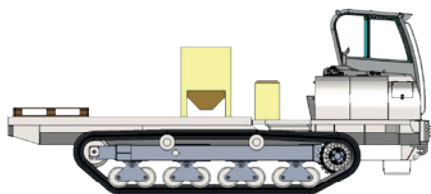
TRANSMISSION

Type	Hydrostatic
Motors	Danfoss

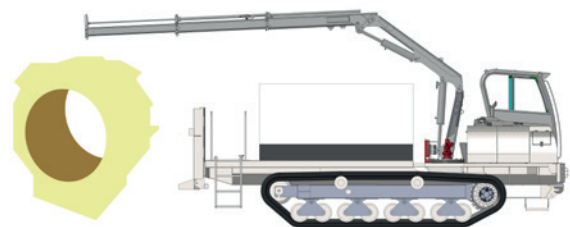
FLUID CAPACITIES

Fuel tank	190 litres
Hydraulic oil tank	200 litres

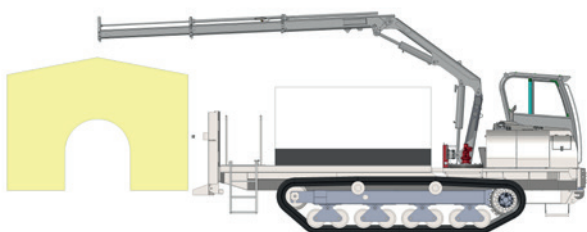
Applications of TP-15 multipurpose tractor



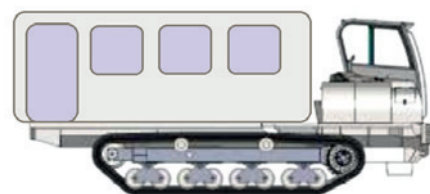
Sand Blasting Unit



Induction Heating Unit



Welding unit



Crew transportation



CORIS S.R.L.

Via Berettinazza, 2/4 • 43012 • Fontevivo (PR) - Italy
+39 0521 657964 • info@coris-pipeline.com

www.coris-pipeline.com