

## SPECIFICATIONS > PFT 300

### APPLICATION

PFT 300 is a split shaft power take off that can be mainly mounted on rubbish skip washers, garbage collectors, fire fighting vehicles and sewer cleaning machines.



### DESCRIPTION

PFT 300 is a split shaft power take off for light vehicles (50 – 100 kW).

Different configurations allow 2 horizontal mounting positions (standard and upside-down), in order to drive devices on the two sides, under vehicle's chassis.

A third configuration allows the vertical mounting, in order to drive devices above vehicle's chassis.

This PTO can operate directly cardan shafts and/or hydraulic pumps on both gearbox and differential sides.

There are two versions of engagement for the output shaft, both available with

➤ **MANUAL CONTROL**, for vehicles that do not have compressed air

➤ **PNEUMATIC CONTROL**

#### ● SINGLE CONTROL

The PTO can be used with the vehicle at a standstill only.

The output shaft is engaged with the disengaging of the differential.

#### ● DOUBLE CONTROL

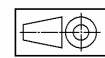
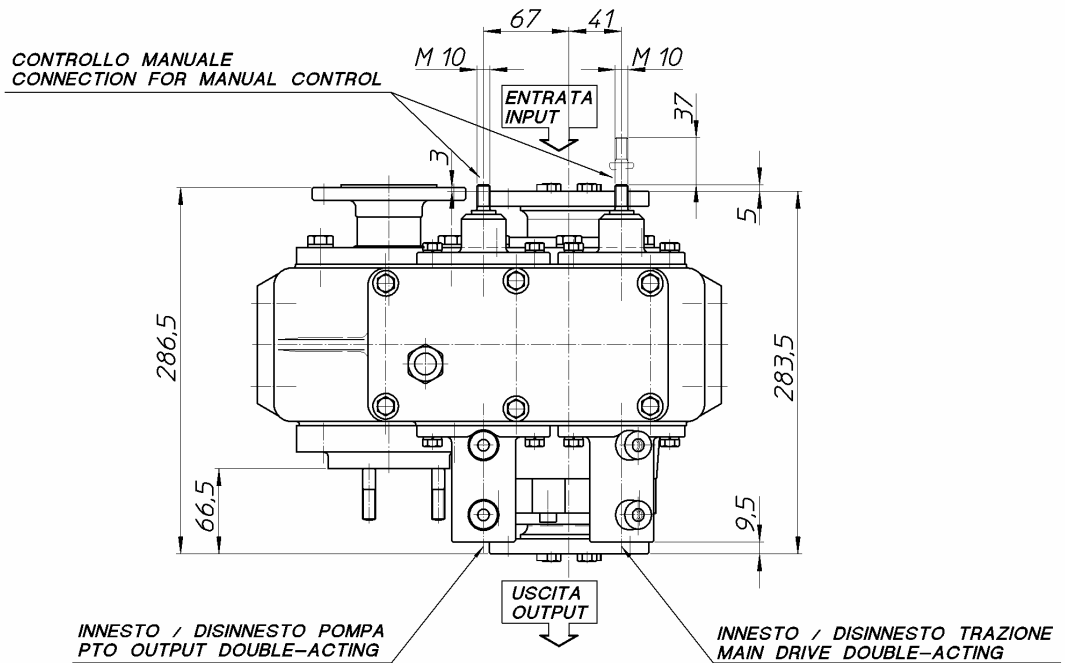
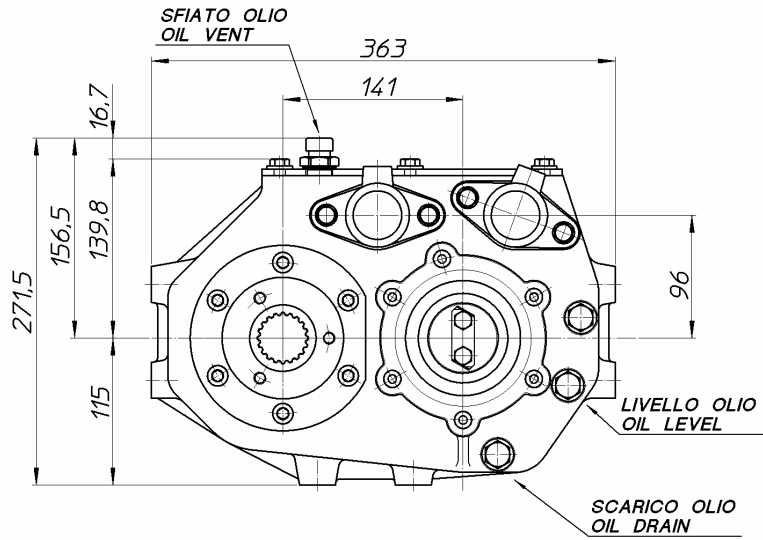
The PTO can be used both with the vehicle at a standstill, and with the vehicle in motion.

Two separate and independent controls allow the use of the outputs with the vehicle in motion, but their engagement must be done with the input shaft at a standstill.

In this configuration, though, we remind you that output revolutions depend on PTO's ratio, engine revolutions, and on the selected gearbox speed as well.

## SPECIFICATIONS

MAIN DRIVE			
Maximum continuous torque		3.800 (Nm)*	
Maximum instantaneous torque		4.500 (Nm)*	
Maximum speed		4.000 – 4.500 (rpm)	
AUXILIARY OUTPUTS			
Maximum power available at shaft	(kW)*	80	
Maximum torque available at shaft	(Nm)*	500	
Available drive ratios		1 : 1	1 : 1,3      1 : 1,5
Maximum output speed	(rpm)	5.000	
Direction of rotation		Opposite of engine	
Power take-off operational with vehicle		Stationary or in motion	



DIMENSIONS