

## SPECIFICATIONS > PFT 450/2AV

### APPLICATION

PFT 450/2AV 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 450/2AV is a split shaft power take off for light vehicles (50 – 100 kW).

The standard mounting position of the PTO is vertical, 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

#### ▶ PNEUMATIC / MANUAL 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)
OUTPUT SHAFT				
Available drive ratios		1,024	1,270	1,541
Maximum power available at shaft	(kW)	85	80	80
Maximum instantaneous torque available at shaft	(Nm)	750	700	700
Maximum continuous torque available at shaft (1.500 rpm)	(Nm)	550	500	500
Maximum output speed	(rpm)		4.250	
Direction of rotation		same as the engine		
Power take-off operational with vehicle		Stationary or in motion		

# DIMENSIONS

