STL360
TP32
TD35M
RC40
TP44M
TS1500
TE500
TB500
TC52
SC500
RP18
RP97

Caorle model TP32

Main characteristic
The TP/32 has been conceived to turn brake discs on passenger cars and off-road vehicles without taking off the brake disc from the wheel hub.
The execution of the turning operation on the disc rotation site removes a possible manufacturing imperfection, assembling mistake or machining inaccuracy when the operation is carried out by means of a traditional lathe, re-establishing the perfect surface and geometric matching between pads and brake disc and obtaining in this way the full braking efficiency from the beginning.
TP/32 executes also drum and flywheel turning on the above stated vehicles

Alignment to the hub
TP/32 has to be connected to the hub by means of some adaptors, after this we advise you to properly check the disc run-out and to proceed with the eventual adjustment in order to obtain a perfect perpendicularity between disc and the rotation axis.

The intermittent feeding
The intermittent feeding acts on the displacement of the tool-holder group and it allows the tools to engrave concentric circles on the disc surface, so that we avoid the formation of the classical spiral effect on the surface which is the main responsible of the brake pad radial shifting and the consequent braking problems.

Other characteristics
When protecting carters are not mounted on the internal side of the disc, the lathe can be positioned in any position of the 360°, so that it will not be necessary to dismantle the calipers.
All commands are directed towards the operator and particularly the tool setting, that can be done with the lathe turned on by means of an hand-wheel located on the external side of the toolholder, in a favorable position to the operator, avoiding in this way the hazard of acting on the interior side of the fender when the lathe is running.

Structural characteristics
The body of the lathe is made by a casting of a special hardened aluminum alloy
The spindle shaft is made of tempered and ground steel.

General Specifications:

Disc maximum turning diameter	380 mm
Disc face maximum width	80 mm
Working travel	140 mm
Intermittent feeding	0,12 mm/rev.
Drum turning minimum diameter	150 mm
Drum turning maximum diameter	350 mm
Spindle revolutions (model with 2 speeds)	55 / 110 r.p.m.
Motor power (model with 2 speeds)	0,6 / 0,8 kW
Overall dimensions (length x width x height)	780 x 460 x 330 mm

Net weight (accessories and trolley excluded)	42 kg
Voltage – Hz - phases	400V - 50 Hz - 3 phases

NOTE: many other versions are available equipped with different types of motors

Weights, dimensions, output data and any other data given in the catalogues are for guidance purposes only and shall not be considered binding except to the extent to which they are specifically detailed in the sales

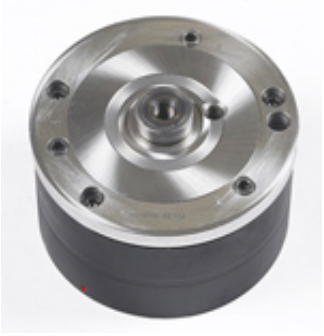
The control panel

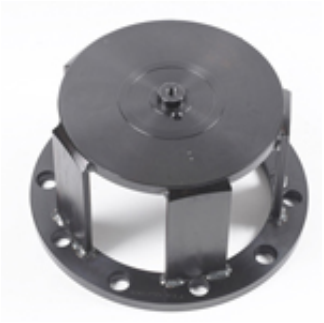
TP32 positioned on the trolley

Drum resurfacing

Flywheels resurfacing

Some examples of adaptors needed for the connection of TP32 to the hub





Caorle Spa strives to constantly make improvements in the design and performance of their products. We therefore reserve the right to make changes in machine design, capacities and specifications as needed.