



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 250

STANDARD EQUIPMENT

- Grinder: Ø 250 mm, bore: 22,2 mm wet-cutting special
- Motor 4 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50 m/s
- Working height: 890 mm
- 2 pneumatic clamps vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	40	60	80x40



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 250

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR D 600 T** – 600 m³/h-0.37 Kw + spare filter
- **CARTRIDGE FILTER DTE 30:**
Fabric filter roll (width: 400mm), automatic unwinding. Pump: 30 l/min. Tank 150 l with drain, visual level indicator & chamber for waste sludge.
- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)
- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** plastic or cast iron material
- **WET ABRASIVE DISKS** : Bore Ø 22.2 mm – Disk Ø 250 mm



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 350

STANDARD EQUIPMENT

- Grinder: Ø 350 mm, bore: 25,4 mm wet-cutting special
- Motor 7.5 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50 m/s
- Working height: 900 mm
- 2 pneumatic clamps vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	80	100	120x80



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 350

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR D 600 T** – 600 m³/h - 0.37 Kw + spare filter
- **CARTRIDGE FILTER DTE 30:**
Fabric filter roll (width: 400 mm), automatic unwinding. Pump: 30 l/min. Tank 150 l with drain, visual level indicator & chamber for waste sludge.
- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)
- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** plastic or cast iron material
- **WET ABRASIVE DISKS** : Bore Ø 25.4 mm –Disk: Ø 350 mm



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 410

STANDARD EQUIPMENT

- Grinder: Ø 406 mm, bore: 25,4 mm wet-cutting special
- Motor 10 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 50 m/s
- Working height: 900 mm
- 2 pneumatic clamps vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	90	120	120x120



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 410

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI** : the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR D 600 T** – 600 m³/h - 0.37 Kw + spare filter
- **CARTRIDGE FILTER DTE 30:**
Fabric filter roll (width: 400 mm), automatic unwinding. Pump: 30 l/min. Tank 150 l with drain, visual level indicator & chamber for waste sludge.
- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)
- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** plastic or cast iron material
- **WET ABRASIVE DISKS** : Bore Ø 25.4 mm –Disk: Ø 400 mm



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 515



STANDARD EQUIPMENT

- Grinder: Ø 508 mm, bore: 25,4 mm wet-cutting special
- Motor 15 HP, three phase 400 V
- Automatic down feed/ descent
- Cutting speed: 60 m/s
- Working height: 920 mm
- 2 pneumatic clamps vices
- Automatic oscillation by gear motor
- Welded structure
- Automatic depth control: kicks in at the end of the cut, it measures & compensates the wear of the abrasive disc.
- 5,7" colour tactile display (320 x240 pixels)
- Automatic cut by brushless electric servo-actuator
- Digital control of the advance in speed or pressure
- Control of the advance to the motor load (adjustable setting from 1 to 100%)
- Tilting safety cover
- Coolant system with electro pump, collection tank, sedimentation & storage tank, removable filter cartridges, adjustable nozzles on both sides of the grinder
- Materials : ferrous, non-ferrous and exotic alloys
- Integrated light 24 V
- CE certified machine



CUTTING CAPACITIES			
Unit: mm	130	160	160x120



Wet circular abrasive cut off machine TYRO for straight cut

Ref: TSA LAB 515

OPTIONAL EQUIPMENT

- **ELECTRONIC SPEED VARIATOR** – Circumferential speed 30 to 80 m/s
- **8.4 " COLOUR TACTILE DISPLAY** (640x480 pixels)
- **REMOTE CONTROL WIFI:** the machine can be controlled remotely by using a mobile phone or an internet connection. For more information, please read the REMOTE CONTROL WIFI-OMRON file.
- **OILS MIST SEPARATOR D 600 T** – 600 m³/h - 0.37 Kw + spare filter
- **CARTRIDGE FILTER DTE 50 :**
Fabric filter roll (width: 500mm), automatic unwinding. Pump: 50 l/min. Tank 180 l with drain, visual level indicator & chamber for waste sludge.
- **2 WORK-HOLDERS OF CLAMPS** at the front with integrated watering (-30 mm from clamp opening)
- **SET OF 4 SPECIAL CLAMPS V-SHAPE:** plastic or cast iron material
- **WET ABRASIVE DISKS :** Bore Ø 25.4 mm – Disk: Ø 500 mm