






# ALUMINIUM CIRCULAR SAWS – AUTOMATIC Series WAK TL A

## HIGHLIGHTS

- Material feed unit with infinitely adjustable feed speed
- Length reversing with robust feed gripper, 2-fold reversing
- Workspace:
- Safety protective hood, automatically lockable with locking mechanism



## TECHNICAL DATA AT A GLANCE

| Machine type             |  mm |  m/min |  |  mm |  mm |
|--------------------------|--|---|---|--|--|
| <b>WAK TL 350 A/A-NC</b> | 350  | 3.000   | 90°   | 100  | 170x60   |
| <b>WAK TL 600 A/A-NC</b> | 600  | 3.000   | 90°   | 225  | 300x175  |
| <b>WAK TL 650 A/A-NC</b> | 650  | 3.000   | 90°   | 230  | 350x180  |
| <b>WAK TL 800 A/A-NC</b> | 800  | 2.300   | 90°   | 280  | 500x90   |
| <b>WAK TL 450 CNC</b>    | 650  | 3.000   | -22,5°/90°/45°  | 120  | 350x110  |

Further information on the machine series and numerous accessories can be found on our website:  
[www.wagner-maschinen.de/en/trennjaeger-saws/circular-saws](http://www.wagner-maschinen.de/en/trennjaeger-saws/circular-saws)

## ALUMINIUM CIRCULAR SAWS – AUTOMATIC WAK TL 350/600/650 A + A-NC WAK TL 800 A-NC + WAK 450 CNC



### ALL HIGHLIGHTS AT A GLANCE

- Material feed unit with infinitely adjustable feed speed
- Length reversing with robust feed gripper, 2-fold reversing
- Workspace safety protective hood, automatically lockable with locking mechanism
- Vertical clamping cylinder on the material feed gripper
- 3 vertical clamping cylinders pneumatic, left and right from the saw blade
- 3 horizontal clamping cylinders, pneumatic
- Cutting height adjustment
- Flexible compressed air hose with gun
- Saw feed cylinder, the feed speed is infinitely adjustable by the control valve
- Minimum greasing with quantity dosing adjustment
- Length adjustment of the material section is given with a mechanical-numerical counter, smallest adjustment increment 0.1 mm
- Control with a touch control panel with 15 products and 30 programme rows (A-NC)
- Electrical cabinet with control panel

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# WAK TL 350/600/650 A + A-NC / WAK TL 800 A-NC

## TECHNICAL DATA

- Drive power approx. 2.5 kW
- Saw blade diameter 450 mm, hard metal
- Pneumatic material clamping system, 2-fold horizontally and 1-fold vertically
- Omron control unit with 5.6" colour touch display
- 10 storable programmes each with 20 data sets for length and number of pieces
- Two-hand control for manual operation
- Supply material pusher, length 6,000 mm
- Feed machine precision 2 / 10 mm
- Infinitely variable feed speed
- Weight  
260 / 260 / 530 / 530 / 650 / 650 / 650 / 650 / 950 kg
- Dimensions (LxWxH)  
1,400 x 850 x 970 mm / 1,400 x 850 x 970 mm /  
1,400 x 850 x 970 mm / 1,400 x 850 x 970 mm /  
1,800 x 950 x 1,150 mm / 1,800 x 950 x 1,150 mm /  
1,800 x 950 x 1,150 mm / 2,100 x 1,200 x 1,450 mm

## STANDARD EQUIPMENT

- Hydropneumatic material feed unit with infinitely adjustable feed speed, length reversing and robust feed gripper, 2-fold reversing
- Workspace safety protective hood, automatically lockable with locking mechanism
- Vertical clamping cylinder on the material feed gripper
- 2 vertical clamping cylinders pneumatic, left and right from the saw blade
- Horizontal clamping cylinders, pneumatic
- Cutting height adjustment
- Flexible compressed air hose with gun
- Pneumatic saw head feed cylinder, infinitely adjustable with control valve
- Adjustable feed speed
- Minimum greasing with quantity dosing adjustment
- Material section length adjustment with mechanical-numerical counter
- Smallest adjustment increment 0.1 mm
- Electrical cabinet with control panel and all necessary operating elements
- Stable machine frame
- Control with a control panel with 15 products and 30 programme rows (A-NC series)

## SPECIAL EQUIPMENT

- 9-fold stroke, each with 300 mm on 2,700 mm in WAK A series
- Additional unit for milling, drilling, tapping
- Blow-off device in the cutting range for WAK-TL 800 A-NC
- Mechanical zero point detection
- Micro spraying system, minimum greasing
- 5 l disposable container for micro-spray
- Frequency converter with infinitely variable cutting speed in WAK-TL series
- Automatic opening of the hood for WAK TL 600 / 650 / 700 / 800
- Connection for extraction with automatic switch-off
- Automatic switch-off with connection on top/bottom
- Chip extraction for WAK TL 350-800 series
- Hose Ø 120 mm
- Chip extraction for WAK 350 - 650 automatic machines
- Pertinax surface in closed version
- Minimum greasing system with adjustable quantity and clocking
- Extraction for chips
- USB inlet
- Barcode reader

## DETAIL PICTURES



Control panel with buttons and pressure gauge    Gripper feed

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We reserve the right to make design changes in the course of technical improvements. Illustrations, dimensions and weights are not binding.

# WAK 450 CNC

## TECHNICAL DATA

- Drive power approx. 2.5 kW
- Pusher supply system, length 6,000 mm
- Flat loading magazine with automatic supply
- 6,000 mm roller table
- Material weight usually 30 kg, max. 60 kg per rod and rider, max. 10 pieces
- 4 cross passes, motorised with chains
- Support width 2,000 mm
- Length 6,000 / 7,000 mm depending on client requirement
- Ce-compliant total protection with fence and light barrier combination
- Working height 980 mm

## STANDARD EQUIPMENT

- Saw blade diameter 450 mm, hard metal
- Pneumatic material clamping system, 2-fold horizontally and 1-fold vertically
- Omron control unit with 5.6" colour touch display
- 10 storable programmes each with 20 data sets for length and number of pieces
- Two-hand control for manual operation
- Supply material pusher, length 6,000 mm
- Feed machine precision 2 / 10 mm
- Infinitely variable feed speed

## SPECIAL EQUIPMENT

- Infinitely variable cutting speed
- Pertinax surface in closed version
- Minimum greasing system with adjustable quantity and clocking
- Extraction for chips
- USB inlet
- Barcode reader
- Mechanical zero point detection
- Micro spraying system, minimum greasing
- 5 l disposable container for micro-spray
- Frequency converter with infinitely variable cutting speed
- Connection for extraction with automatic switch-off
- Preparation for extraction with connection on top/bottom
- Chip extraction
- Hose Ø 120 mm
- Chip extraction



Pusher loading system with automatic miter cut

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