



**FOR ALL YOUR SAWING NEEDS!**

**Welcome to DoALL**

It started with the metal cutting band saw, invented by our founder Mr. Leighton A. Wilkie in 1933. He was the first to produce all three vital elements for band sawing: sawing machines, band saw blades and cutting fluids.

DoALL invented the Bi-Metal band saw blade and released many improvements over the years. Today we are still the trendsetter in band saw blade technology. We have production facilities in the USA; Canada as well as in Europe.

**ISO 9001:2008 quality certification**

DoALL is committed to provide you, our customer, with the best products and services available. This ambition resulted in the ISO 9001:2008 certification of our quality system.



**At your service!**

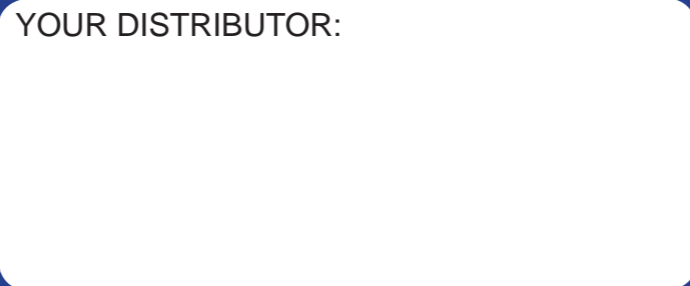
The European Distribution Center is located strategically in Dordrecht, The Netherlands. Our sawing products are distributed throughout Europe including the Russian Federation and the Middle East. Our factory trained local distributors operate their own welding centers to provide fast and local welding service and offer technical assistance.



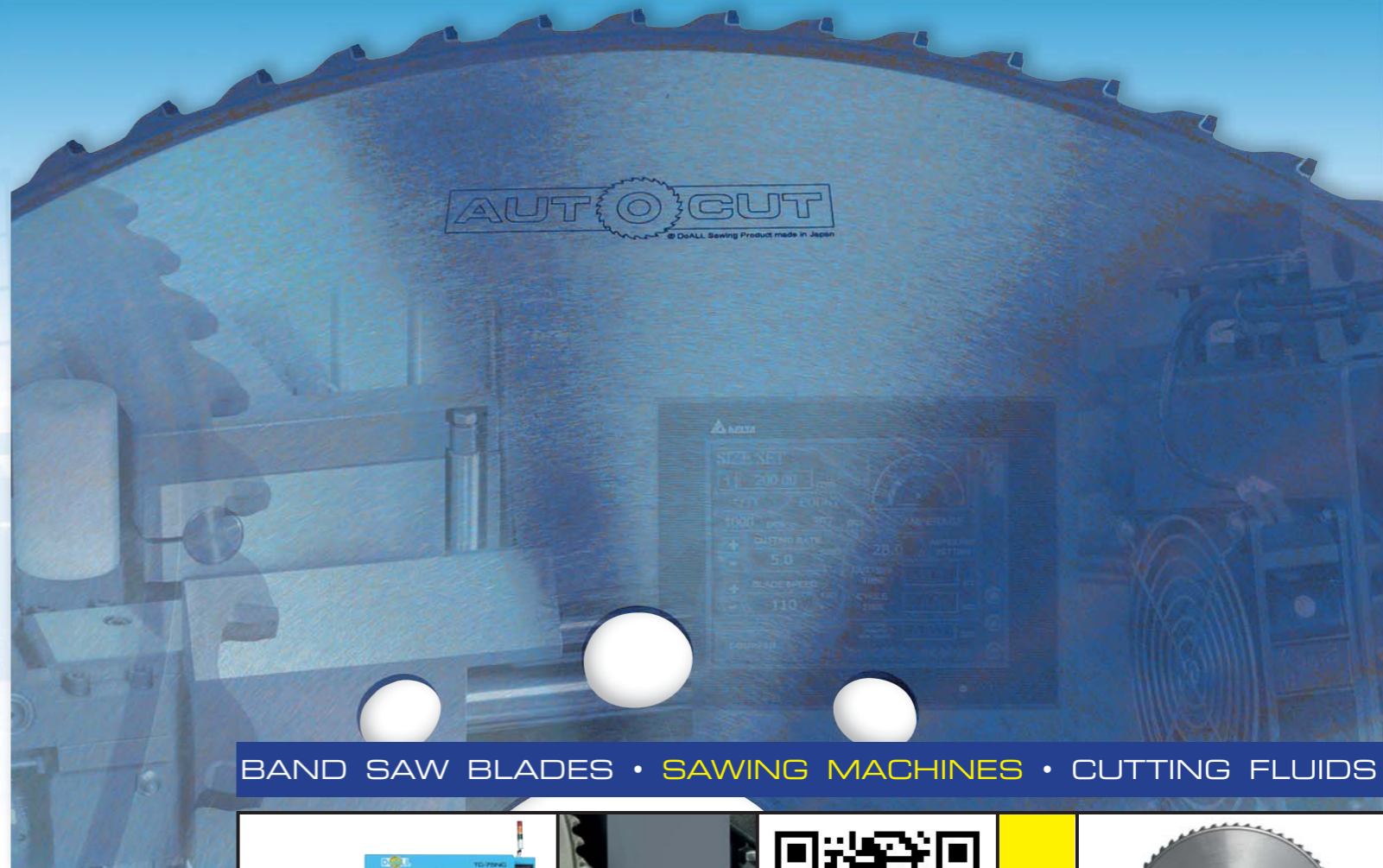
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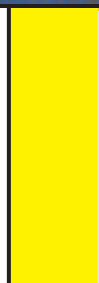
YOUR DISTRIBUTOR:



**FOR ALL YOUR SAWING NEEDS!**



**BAND SAW BLADES • SAWING MACHINES • CUTTING FLUIDS**



HIGH PRODUCTION

**CIRCULAR  
SAWING MACHINES**

## CIRCULAR SAWING - TC-75NC

The DoALL TC range circular sawing machines are designed for high production against low cost of ownership. Machines are suited to materials from engineering steel, non ferrous to stainless steel, using carbide tipped blades. With ergonomic design and extremely easy to use interface machine is ready for production in a matter of moments. Coupled with this is the new guide system which gives an extremely high squareness tolerance and a mirror finish.

DoALL Circular Sawing Machines:

- High production
- High accuracy
- Superb finish
- Complete
- Easy to use

| Technical data          | TC-75NC  | TC-100NC   | TC-155NC   |     |
|-------------------------|--|--|--|-----|
| <b>Cutting capacity</b> |  |  |  |     |
| Round                   | 8 - 75   | 10 - 102   | 65 - 155   | mm  |
| Rectangular             | 8 - 60   | 10 - 80  | 65 - 105   | mm  |
| Blade                   | Ø285 x 2,0 (T) x 1,7 (t)                             | Ø360 x 2,6 (T) x 2,25 (t)                            | Ø460 x 2,7 (T) x 2,25 (t)                            | mm  |
| Blade speed             | 30 - 150   | 30 - 150   | 30 - 150   | rpm |
| Band drive motor        | 7,5  | 11   | 15   | kW  |
| Hydraulic system        | 1,5  | 2,2  | 2,2  | kW  |
| Blade feed system       | Servo motor and ball screw                           | Servo motor and ball screw                           | Servo motor and ball screw                           |     |
| Loading table           | 1.200 x 5.200  | 1.200 x 5.200  | 1.200 x 5.200  | mm  |
| Automatic index         | Single stroke 6 - 600<br>Multiple stroke up to 3.000 | Single stroke 6 - 600<br>Multiple stroke up to 3.000 | Single stroke 6 - 600<br>Multiple stroke up to 3.000 | mm  |
| Dimensions*             | 6.755 L<br>2.765 W<br>2.090 H                        | 6.890 L<br>2.850 W                                   | 7.230 L<br>3.120 W                                   | mm  |
| Weight*                 | 2.800  | 3.600  | 4.200  | kg  |

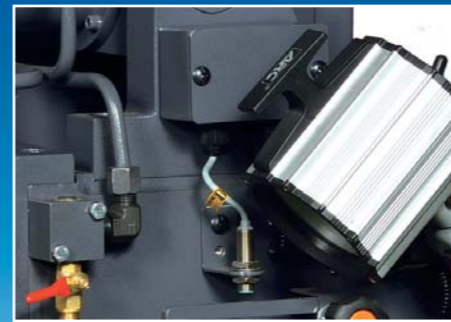
T= Kerf  
t= thickness  
\*= including table

## STANDARD EQUIPMENT

- Operator friendly PLC control with touch screen
- Hydraulic clamped front and vertical vices
- Floating shuttle device
- Automatic loading table for round bars
- Out of stock detector
- Air compressed oil mist
- Electromagnetic power brake
- Hydraulic operated sorting chute
- Powered chip brush
- Inverter drive
- Automatic chip conveyor
- Work light
- One set of tools in toolbox



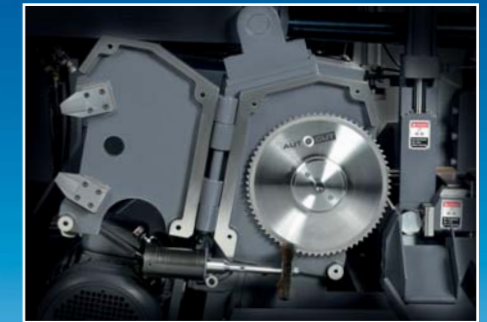
Photographs may show optional equipment



Halogen work light



Automatic chip conveyor



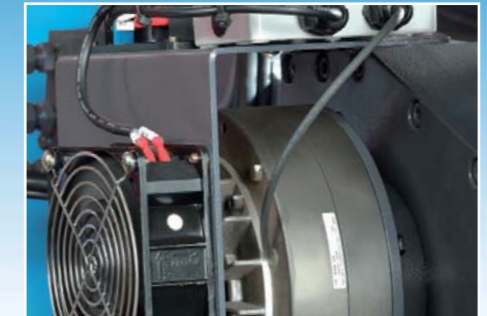
Zero clearance blade guides for superb finish and easy access for blade change.



Touch screen and control panel allow easy operation. The information for problem solving & trouble shooting is shown on the screen and historical data is also recorded for reference.



Automatic loading table efficiently moves different sizes of material from the loading area to the feeding area. This saves time and increases productivity.



Electromagnetic power brake effectively eliminates the backlash in the gear box while cutting. This increases cutting efficiency and extends blade life.



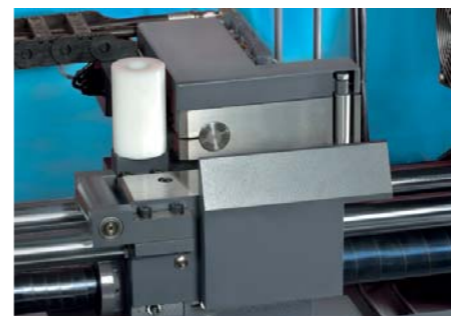
Hydraulic clamped front and vertical vices clamp the material to efficiently reduce vibration and increase accuracy when cutting.



Out of stock detector adapts to variable material conditions. It works accurately even if the material is crooked or has a rough surface.



Powered chip brush actively cleans chips from the saw blade. This extends blade life and maintains cutting efficiency.



Servo motor bar feed rapidly feeds the material to its accurate position. This is a key factor for high volume cutting requirements.



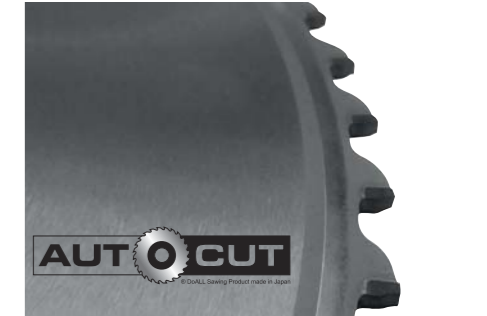
Hydraulic operated sorting chute separates the head and tailpieces at the start and end of each bar. This allows for longer unattended operation and easy disposal of the waste material.



Air compressed oil mist provides more effective lubrication for cutting and extends the blade life.

**ALSO AVAILABLE:  
Complementary  
DoALL circular blades!**

Contact us for more information at sales@doall.nl or +31(0)78-6526060



Photographs may show optional equipment