

PE-TRA®

Double Column Band Saw Machines

Innovative solutions
for accurate and effective metal cutting
with lowest Cost-per-Cut

CutMaster
DC320 CNC

www.pe-tra.com

PE-TRA®

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DC320 CNC

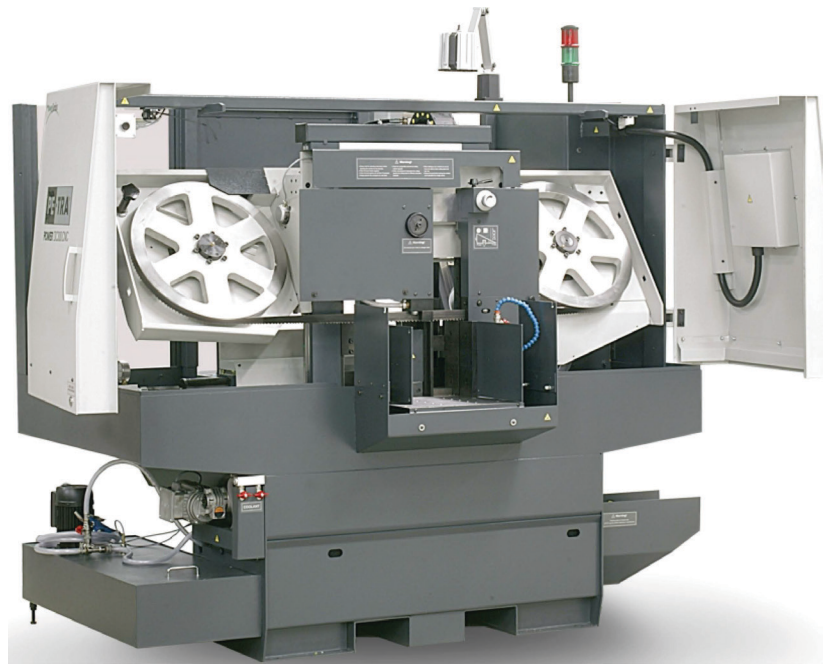
The CutMaster is engineered with high-volume, automated metal cutting task in mind. It is a True Dual Column, automatic, heavy duty production band saw, based on PE-TRA patented dual column design.



- Siemens HMI
- Push-button main controls
- Easy setup and operation
- Reduced training time



- Proven Siemens automation
- Industrial grade standard components
- Clear wiring and labeling



Technical Specifications

Bandsaw Model DC320 CNC

Cutting Capacity Round/Square	320 / 320 x 320 mm
Drive	5,2 kW/ 87 Hz / 5,5 kW inverter
Gearbox	Lenze make / helical
Hydraulic system	0,55 kW / 45 bar / 10 L tank
Coolant system	3 - phase / 0,18 kW / 50 L / min / 80 L tank
System controls	Siemens PLC + HMI + SERVO SYSTEM
Band Wheel Diameter	500 mm
Band speed	18 - 120m/min
Touchscreen	4" / 7" option colour touchscreen
Material feed	570 mm / SERVO / Multi stroke / 160 mm restpiece
Band tension system	Hydraulic / 37 mm tension stroke
Length setting	Through Touch screen (5 batch program)
Band Size	4160 x 34 x 1,1 mm
Band guides	CARBIDE All sides
Power Supply	400 VAC, 3-phase, 14 A max, 4-wire
Size L x W x H	1985 x 2090 x 1750 mm
Net Weight	1900 kg

Choose **PE-TRA**[®] bandsaw machine

Why?

Lowest Cost per Cut

- Big sawblade wheels
- Patented unique saw column design
- Precise easy to operate saw feed and force regulation
- Lowest energy consumption
- Efficient hydraulics operation
- Highly efficient drivers
- Low maintenance costs
- User-friendly

User friendly interface and operation

- Logic and user friendly panel
- Mechanical push buttons for main operations
- Fast&Easy changing of bandsaw blade
- Large front table with HARDOX surface

Compact design of machine

- Efficient use of floor space
- Equipment smartly integrated
- Integrated machine safety guarding

Designed and Manufactured in Europe/Slovenia

- Continuously improved design over 20 years
- Conveniently located on the major European corridor
- 400 km from Vienna or Munich, 250 km from Venice, 140 km from Zagreb

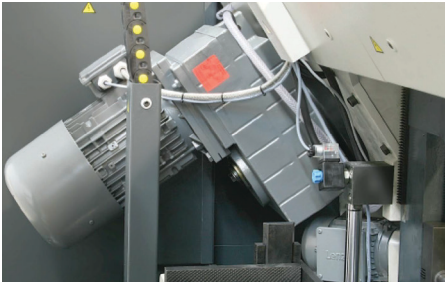
Private family company in 2nd generation

- Ivan Bric founded the company in 1982 and named after his daughter PETRA
- New generation taking over the company for future developments

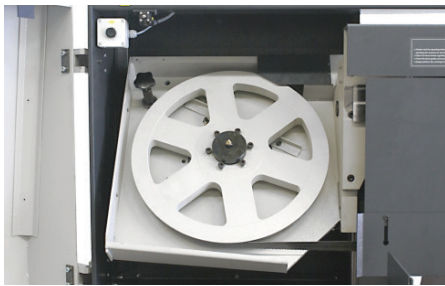
Specialized custom solutions tailored for your needs

- Tailored solutions based on customer requirements
- In-House design and development

Designed for **PERFORMANCE**
Built to **LAST**



- High efficiency helical gearbox
- Reinforced main bearing
- Designed for long service life



- Large wheel diameter
- Heavy duty, well-protected bearings
- Hydraulic band tensioning
- Stable blade tracking



- Easy to use feed and force regulator
- Precise downforce control
- Low maintenance



Superalloy Rene-104 diameter 300mm

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CORPORATE OFFICE AND WORKS

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