

RWT COMPANY PROFILE

HISTORY

- ▶ The roots of the company date back to 1921 when Josef Rojek, the great-grandfather of today's owner Ing. Petr Rojek founded a company named Rojek in Častolovice. The company achieved a significant development and successfully sold its turning machines all over the world.
- ▶ After restitutions of the family property, the activity of the company was restored in 1991 and Ing. Petr Rojek became co-owner along with his father and brother. The company quickly followed the tradition of manufacturing turning machines and within a few years it became a leading Czech manufacturer and supplier of the turning technology.

PRESENT

- ▶ In 1999, Ing. Petr Rojek decided to carry out his ideas about the further development by an independence and a foundation of his own company RWT, s.r.o. (Ltd.) based in Rychnov nad Kněžnou. The main focus of the company is the manufacture of metalworking machines for deburring and grinding operations. The technical solution, the variability, the quality of the procession and the ease of operation of the machines, are main factors of the successes in sales worldwide.

SCOPE AND AWARDS

- ▶ The company is purely Czech and ranks among the leading European manufacturers of deburring and grinding machines.. These machines replace strenuous and fairly dangerous manual work while deburring and grinding of the metal parts.
- ▶ After several years of operation in our and foreign markets, our company has received significant awards from the International Engineering Fair in Brno and the International Trade Fair of Engineering Technologies FOR INDUSTRY in Prague.



MSV
2003

FOR INDUSTRY
2014



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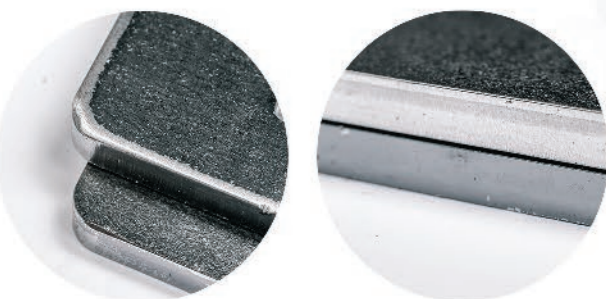
RWT

DEBURRING AND GRINDING MACHINES

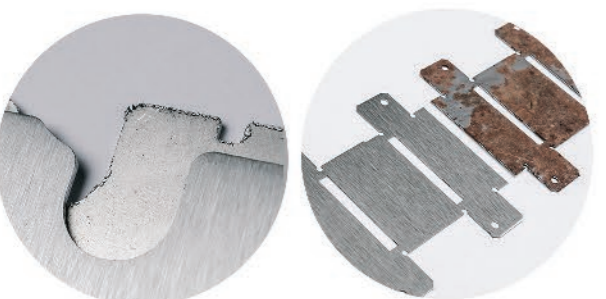
ENTGRAT UND SCHLEIFMASCHINEN
ONTBRAAM EN SLIJPMACHINES

 SERIES 120 / 180 / 240

RWT
STEELLINE 120
DEBURRING AND GRINDING MACHINE



Edge rounding and oxide removal
Kantverronding en Oxidentfernung
Randafwerking en oxideverwijdering



Deburring and Grinding
Entgraten und Schleifen
Ontbramen en slijpen



Final surface polishing
Polieren der Oberfläche
Ontbramen en slijpen



Slag removal
Schlackenentfernung
Slakverwijdering



SERIES 120

RWT
STEELLINE 180
DEBURRING AND GRINDING MACHINE

Complete solution for Deburring and Grinding of the workpiece with Sanding belt unit R, edge rounding and oxide removal with Disc brush unit D and final surface polishing with Vebrax brush unit B

Komplettlösung zum Entgraten und Schleifen des Produktes mit der Schleifeinheit R, Kantverrondung und Oxidhautentfernung mit der Scheibenbürsteneinheit D und Oberflächenveredelung mit der Vebraxbürste B

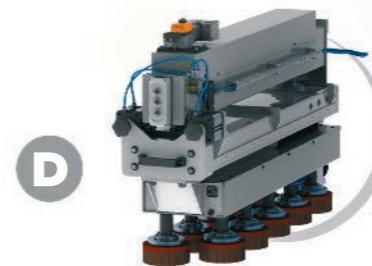
Complete oplossing voor het ontbramen en slijpen van het product met de slijpunit R, kantverronding en oxydehuidverwijdering met de Diskborstelunit D en oppervlakte finishing met de Vebraxborstel B



Deburring rubbered roller diameter 120 (180, 240) mm
- Hardness 35 - 70 Sh
- Primary burrs removal

Gummierte Schleifeinheit, Rollendurchmesser 120 (180, 240) mm
- Härte 35 - 70 Sh
- Entgrätet/Spitzer

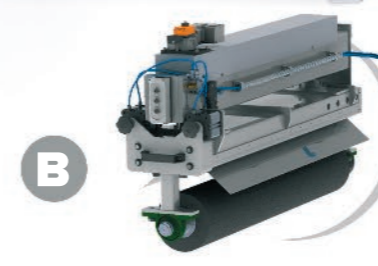
Rubberen Slijpunit, rol diameter 120 (180, 240) mm
- Hardheid 35 - 70 Sh
- Verwijdert de braam en spatten



Disc brushing unit with discs diameter 150 mm
- Quick fitting system
- Edge rounding, oxide removal

Scheibenbürsteneinheit mit Scheibendurchmesser 150 mm
- Schnellspannsystem
- Kantverrondung, Oxidhautentfernung

Disk-BorstelUnit, diameter 150mm
- Snelwisselsysteem
- Kantverronding en oxydehuidverwijdering



Vebrax brush diameter 200 (300) mm for final surface polishing

Vebrax Walze mit einem Durchmesser von 200 (300) mm für die finale Oberflächenbehandlung

Vebrax Borstel diameter 200 (300)mm, Voor eindbewerking oppervlak

SERIES 180



RWT
STEELLINE 240
DEBURRING AND GRINDING MACHINE



WORKING UNITS

Working Units
Arbeid stationen
Werkstations



ELECTRIC BOX

Electric box
Elektrobox
Elektrokast



SLIDING SYSTEM

Sliding System
Profilschienenführung
Lineargeleiding



TILTABLE CONTROL PANEL

Tiltable control panel
Drehbar Bedienfeld
Draaibaar bedieningspaneel

SERIES 240



	Working width				No. of units	R	D	B	* Option, optionen, opties																
	650 mm	1100 mm	1300 mm	1600 mm		Diameter of rubbered roller	No. of discs in unit	Diameter of Vebrax brush	Tiltable control panel	Touch screen 7,5"	Part thickness 0,5 - 160 mm	Automatic measuring	Conveying speed 0,5 - 10 m/min	Pneumatic control height of the roller	Electric control height of the roller	Length of sanding belts			Disc diameter	Motorized lifting of the units D, B	Magnetic table	Vacuum table	Combined table magnet + vacuum	Hypalon conveyor belt	
																1900 mm	2200 mm	2620 mm							
SERIES 120	✓	-	-	-	1 - 6	120	7	200	*	✓	✓	✓	✓	*	*	✓	-	-	150 mm	*	*	*	*	*	*
SERIES 180	-	✓	✓	-	1 - 4	180	10 - 12	200	*	✓	✓	✓	✓	*	*	✓	*	*	150 mm	*	*	*	*	*	*
SERIES 240	-	✓	✓	✓	1 - 4	240	10 - 12 - 14	300	*	✓	✓	✓	✓	*	*	-	✓	*	150 mm	✓	*	*	*	*	*
DE	Arbeitsbreite				Anzahl der Einheiten	Durchmesser der Gummirolle	Scheibenzahl in der Einheit	Durchmesser der Vebrax-Bürste	Drehbar Bedienfeld	Touch-Panel 7,5"	Materialstärke	Automatische Stärkemessung	Vorschub 0,5-10 m/min	Pneumatische Kontrollhöhe der Walze	Elektrische Kontrollhöhe der Walze	Länge der Schleifbänder			Scheibendurchmesser	Motorisiertes Anheben der Einheiten D, B	Magnetisch	Vakuümisch	Kombinierter Magnet + Vakuümisch	Hypalon-Förderband	
NL	Werkbreedte				Aantal eenheden	Diameter van rubberen rol	Aantal borstels in Unit	Diameter van de Vebraxborstel	Draaibaar bedieningspaneel	Aanraakpaneel 7,5"	Materiaaldikte	Automatische dikte meting	Snelheid doorvoerband 0,5 - 10 m/min	Pneumatische hoogte instelling van slijpunit	Elektrische hoogtevinstelling van de rol	Lengte van de schuurband			Borstel diameter	Gemotoriseerde hoogtevinstelling unit D, B	Magneet tafel	Vacuümtafel	gecombineerde tafel Magneet en Vacuüm	Hypalon Transportband	