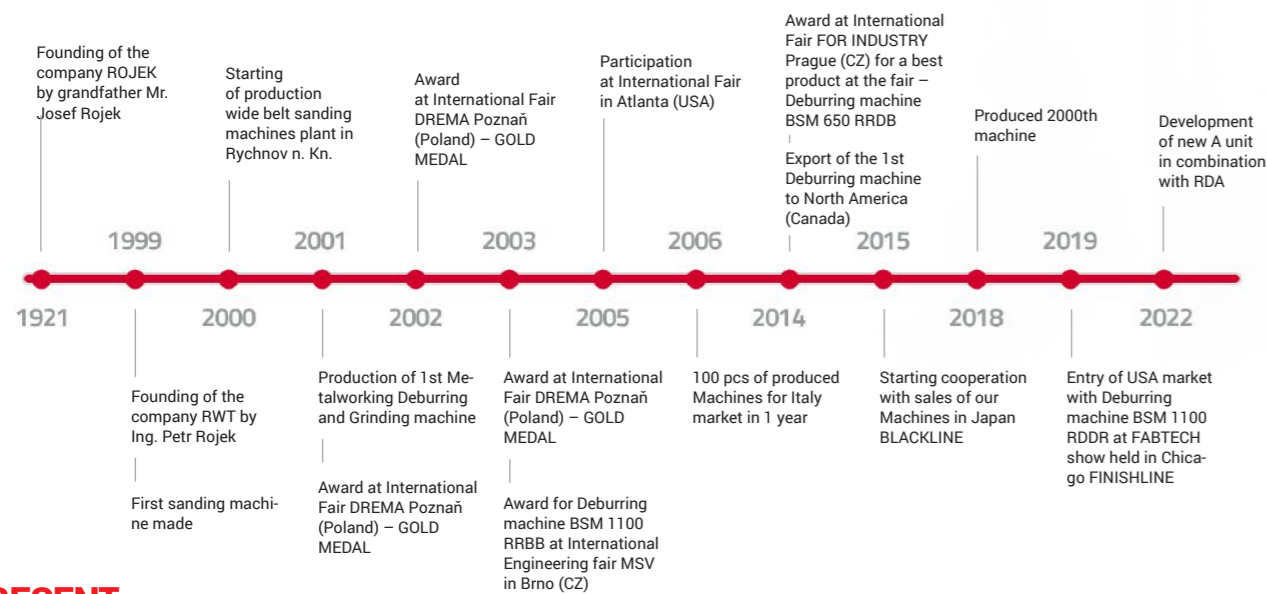


COMPANY PROFILE

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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GPS: 50.171567681, 16.270210147



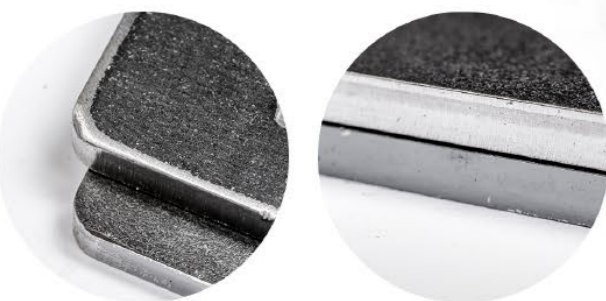
RWT

DEBURRING AND GRINDING MACHINES

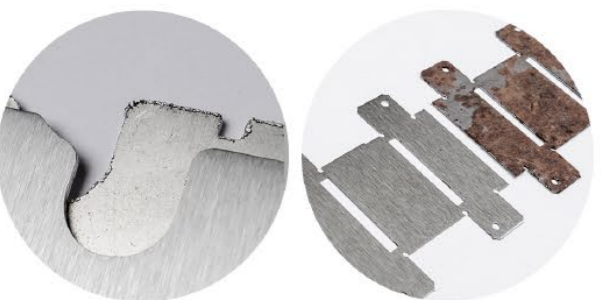
ENTGRAT UND SCHLEIFMASCHINEN
ONTBRAAM EN SLIJPMACHINES

 **SERIES 120 / 180 / 240**

RWT
STEELLINE 120
DEBURRING AND GRINDING MACHINE



Edge rounding and oxide removal
Kantenverronding en Oxidverwijdering
Randafwerking en oxideverwijdering



Deburring and Grinding
Entgraten en 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. Edge rounding and surface finishing by rotary unit – A and final surface polishing with brush unit - B

Komplettlösung zum Entgraten und Schleifen des Produktes mit der Schleifeinheit - R, Kantenverrondung und Oxidhautentfernung mit der Scheibenbürsteneinheit - D. Kantenverrondung und Oberflächenveredelung durch Dreheinheit – A und Oberflächenveredelung mit der Bürste - B

Complete oplossing voor het ontbramen en slijpen van het produkt met de slijpunit - R, kantverronding en oxydehuidverwijdering met de Diskborstelunit - D. Randafwerking en oppervlakte-afwerking door roterende unit – A en oppervlakte finishing met de borstel - B



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

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

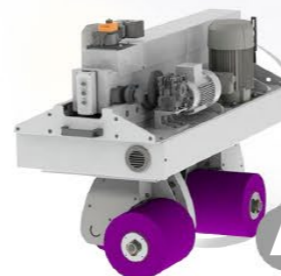
Rubberen Slijpunit, rol diameter 120 (180, 240) mm
– Hardheid 70 – 35 Sh
– Verwijdert de braam en spatten



Disc brushing unit with discs diameter 165 mm
– Quick fitting system
– Edge rounding, oxide removal

Scheibenbürsteneinheit mit Scheibendurchmesser 165 mm
– Schnellspannsystem
– Kantenverrondung, Oxidhautentfernung

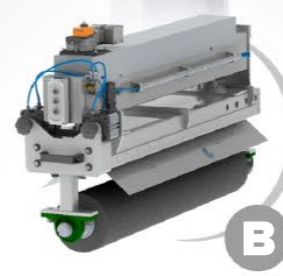
Disk-BorstelUnit, diameter 165mm
– Snelwisselsysteem
– Kantverronding en oxydehuidverwijdering



Rotary unit with brushes of size 250x250 mm
– Quick fitting system
– Edge rounding
– Surface finishing

Dreheinheit mit Bürsten der Größe 250x250 mm
– Schnellwechselsystem
– Kantenverrondung
– Oberflächenveredelung

Roterende unit met borstels van 250x250 mm
– Snelwisselsysteem
– Rand afronding
– Oppervlakte-afwerking

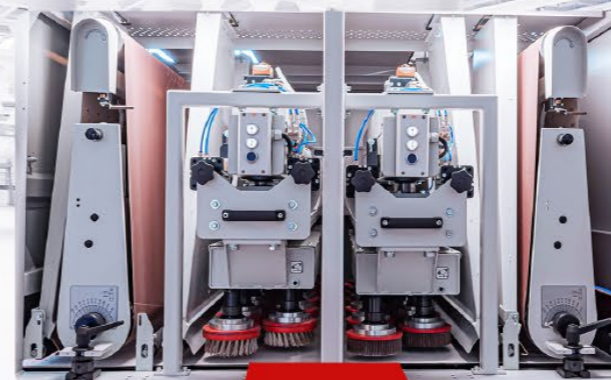


Brush diameter 200 (300) mm for final surface polishing

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

Borstel diameter 200 (300)mm, Voor eindbewerking oppervlak

SERIES 180



RDDR

RWT
STEELLINE 240
DEBURRING AND GRINDING MACHINE



RDA

SERIES 240



ELECTRIC BOX

Elektrobox
Elektrokast



MOTORS

Motoren
Motoren



SLIDING SYSTEM

Profilschieneführung
Lineargeleitung



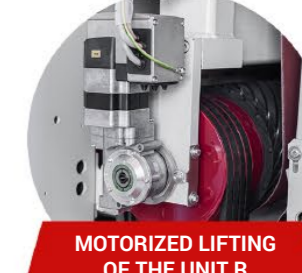
TILTING CONTROL PANEL

Scharnierpanel
Scharnierend paneel



COMBI TABLE

Kombinationstisch
Combinatietafel



MOTORIZED LIFTING OF THE UNIT R

Elektromotorisches anheben der R-Einheit
Elektromotorisch heffen van de R-unit



	Working width				No. of units	Diameter of rubbered roller (mm)	No. of discs in unit	Size and number of brushes in mm	Diameter of Vebrax brush (mm)	Tilttable control panel	Touch screen 7,5"/10,4"	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 (mm)	Motorized lifting of the units D, A, B	Magnetic table	Vacuum table	Combined table magnet + vacuum	Hypalon conveyor belt
	650 mm	1100 mm	1300 mm	1600 mm													1900 mm	2200 mm	2620 mm						
SERIES 120	✓	-	-	-	1 - 6	120	7	2x250x250	200	*	✓	✓	✓	✓	✓	*	✓	-	-	165	✓	*	*	*	✓
SERIES 180	-	✓	✓	-	1 - 4	180	10 - 12	4x250x250	200	*	✓	✓	✓	✓	✓	*	✓	*	*	165	✓	*	*	*	✓
SERIES 240	-	✓	✓	✓	1 - 4	240	10 - 12 - 16	*	300	*	✓	✓	✓	✓	*	-	✓	*	165	✓	*	*	*	✓	
DE	Arbeitsbreite				Anzahl der Einheiten	Durchmesser der Gummirolle	Scheibenanzahl in der Einheit	Größe und Anzahl der Bürsten in mm	Durchmesser der Vebrax-Bürste	Drehbar Bedienfeld	Touch-Panel 7,5"/10,4"	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, A, B	Magnetisch	Vakuumentisch	Kombinierter Magnet + Vakuumentisch	Hypalon-Förderband
NL	Werkbreedte				Aantal eenheden	Diameter van rubberen rol	Aantal borstels in Unit	Grootte en aantal borstels in mm	Diameter van de Vebraxborstel	Draaibaar bedieningspaneel	Aanraakpaneel 7,5"/10,4"	Materiaaldikte	Automatische dikte meting	Snelheid doorvoerband 0,5 - 10 m/min	Pneumatische hoogte instelling van slijpunit	Elektrische hoogterstelling van de rol	Lengte van de schuurband			Borstel diameter	Gemotoriseerde hoogterstelling unit D, A, B	Magneet tafel	Vacuümtafel	gecombineerde tafel Magneet en Vacuum	Hypalon Transportband