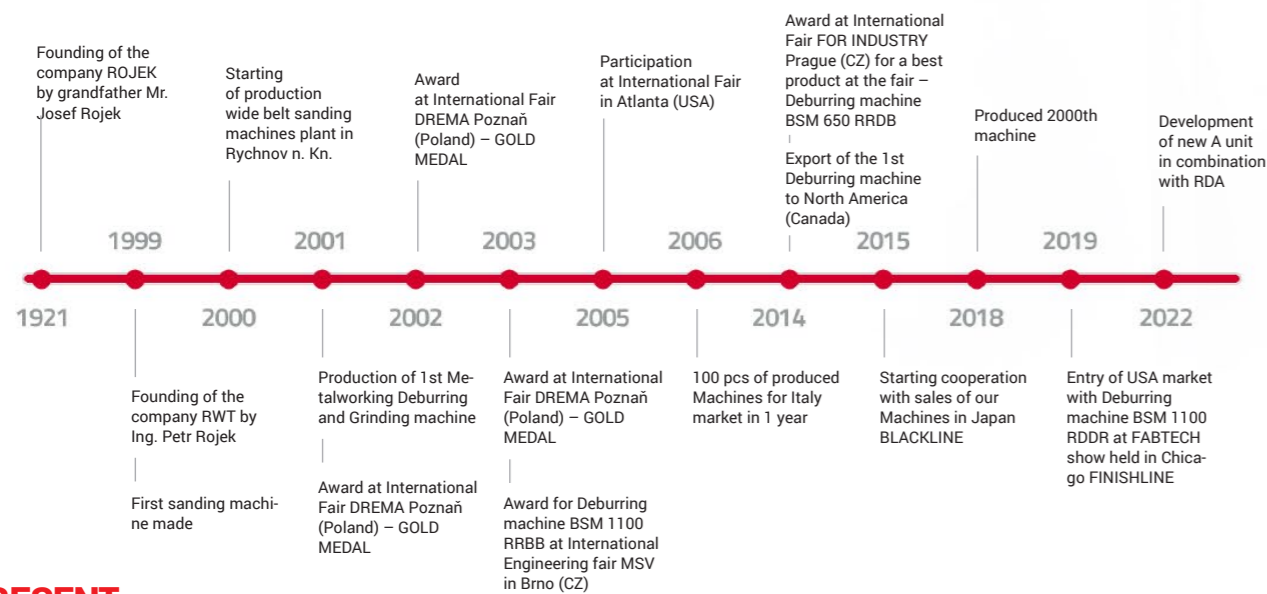


## COMPANY PROFILE

### 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



## CONTACTS

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GPS: 50.171567681, 16.270210147



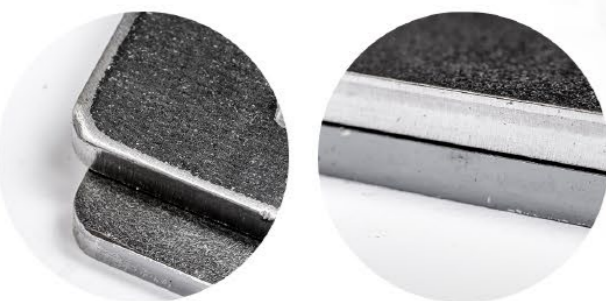
**RWT**

# DEBURRING AND GRINDING MACHINES

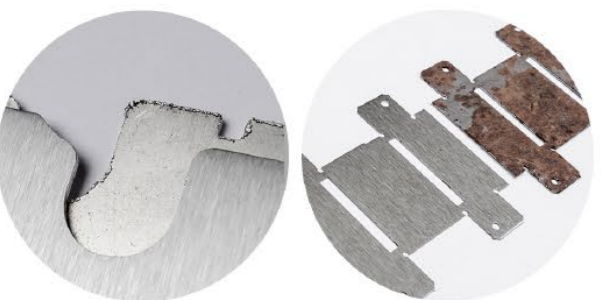
ENTGRAT UND SCHLEIFMASCHINEN  
 ONTBRAAM EN SLIJPMACHINES

 **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 product 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

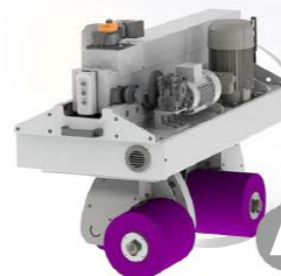
Rubberen Slijpunit, rol diameter 120 (180, 240) mm  
– Hardheid 70 – 35 Sh  
– Verwijdert de braam en spatten



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

Scheibenbürsteneinheit mit Scheibendurchmesser 165 mm  
– Schnellspannsystem  
– Kantenverrondung, Oxidhautentfernung

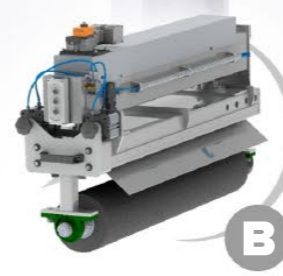
Disk-BorstelUnit, diameter 165mm  
– Snelwisselsysteem  
– Kantverronding en oxydehuidverwijdering



**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

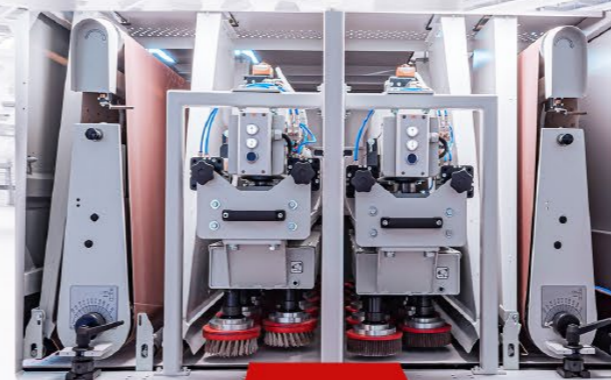


**Brush diameter 200 (300) mm for final surface polishing**

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