



The list below reflects equipment availability at all of SUB's plants primarily the Uhersky Brod plant and the MEP Postrelmov Plant. Equipment is being replaced, and new equipment is being introduced, as part of the continual investment programme.

We are capable of handling items for machining approx max 50 tonnes. The equipment size is limited by max permissible road and rail permits. Both plants have railway sidings, so movement of product can also be achieved by rail.

We can machine components for assembly by others, or we can provide a complete assembly programme. Both sites have expansion capabilities to cope with all demands.

For reasons of customer confidentiality we cannot reveal precise details of client base, but customers are typically blue chip in nature. We can manufacture complete equipment under licence, on an ongoing basis. Or we can manufacture one off component to client's drawing. We will consider any manufacturing opportunity, be it electrical, pneumatic, hydraulic, or mechanical in nature.

We can interpret most 2-D and 3-D drawing systems, and we have our own fully qualified electrical and mechanical design engineers, who can also assist with any development should you require it.

Material cutting				
Equipment	Max. thickness mm	Units	Length mm	Width mm
Water jet	As per material	1	4000	3000
CNC laser cutting machine	20 mm carbon steel	6	6000	2000
	15 mm stainless steel			
	8 mm aluminium alloys			
Trumatic 5000R	5 mm		3000	1500
Finn-Power TP 250	5 mm		2500	1250
Flame cutting	100 mm carbon steel	4	3000	1400
	220 mm carbon steel	2	28000	4000
Hack-saw	max diameter 460 mm	2		
Circular saw	max diameter 490 mm	4		



Sand blasting SA 2,5			
Equipment	Length mm	Width mm	Height mm
Sand blasting	8000	3400	2600
	18000	3500	3750
	10000	3500	3750
	28330	5500	7500
	400	1000	1000
	400	1000	800
	2200	4000	8000

Bending			
Equipment	Type	Max. power ton	Length
Bending machine - Trumpf	TruBend 8 010	1000	8000 mm
		125	3000 mm
		170	3000 mm
Amada		125	3000 mm



Work in progress, as carried out at our Uhersky Brod plant.



Machining							
Equipment	Type	unit	axis X mm	axis Y mm	axis Z mm	axis W mm	Clamping surface
Horizontal milling machine	W 160H NC	1	18200	5000	1600	1250	18200x6000
Horizontal milling machine	HCW 1-160	1	16500	5000	1200	1000	16500x6000
Horizontal milling machine	WHN (Q) 13 CNC	3	5000	3000	2000	800	2200x1800
Horizontal milling machine	MAGNA II WRD 150Q	2	20000	4000	1000	800	20000x6000
Horizontal milling machine	MA -500H	1	700	900	7800		500x500
Vertical machining machine	MCFV 125 EZ	1	1270	610	760		1450x610
	MCFV 1260 NT	1	1270	610	760		1450x610
	MCF 2080 NT	1	2030	810	810		2200x630
Vertical milling machine	FCQ 63	5	1500	600	630		2200x630
	FCQ 50	2	1200	500	500		1500x500
CNC boring machine	VXD 100 CNC	1	1400	1000	500		
	VXR 50 NCA	1	630	400	630/190		500x830
	VXR 50 NCA	1	630	400	630/190		500x830
			<b>x 1 mm</b>	<b>x 2 mm</b>	<b>z mm</b>		
CNC lathe	SPT 32	7	175	225	1500		
	SPT 16	7	120	160	500		
	MASTURN	1	530	820	2000		
	MASTURN	1	530	820	3000		
	MASTURN	1	530	820	4500		
	S50 CNC	2	270	535			
	CTX 400	1	420	600			
	KOYO 60S	2	110	250			
	SPRY 40NC	2	40	150			
	SARY 60	1	60	160			
	NL 1500SY	2	52/160	515			



Horizontal machining machine	DMC 80 H linear	1	800	800	1050	360°	630x630
	DMC 60 H	1	600	560	560	360°	400x500
Milling machine	DMU 70	1	750	600	520	360° (-10°/+95°)	1000x620 (ø 800x620)
Vertical machining machine	MCV 32	1	480	320	500		860x320
	MCV 32	1	480	320	500		860x320
	FCR 50 CNC	1	1250	500	560		2000x500



Above are a few examples of work in progress, as carried out at our Uherský Brod plant.

## Welding

Quality certificate: As per ČSN EN ISO 3834 – 2

Valid licenses: DIN 18800 – 7, AD 2000M, TRD 201, EN 287-1, EN ISO 9606-2, EN 1418.

Basic materials being used for welding: 1.1, 1.2, 1.3, 8, 22

Welding methods based on DIN EN ISO 4063: 121 (UP) 135 (MAG) 141 (WIG) 136 (MAG)

Welding supervision: Activity based on ČSN EN ISO 14 731 (in conformity with ČSN EN ISO 3834-2)

Based on ČSN EN 287-1 AD 2000 HP3, TRD 201 136 (MAG)

Qualification of welders: 103 Welders with varying approvals



### Heat treatment

Equipment	Length mm	Width mm	Height mm
Annealing furnace & Hardening furnace	9000	5000	4500



Above are a few examples of work in progress, as carried out at our Uhersky Brod plant.

### Powder painting plants

Equipment	Length mm	Width mm	Height mm
Line No.1 Galatek	5700	1015	2500
Line No.2 Galatek	7500	1500	2200
Line No.3 Galatek	8500	2500	3500
Line Wagner	1600	970	2800



**Slovácké strojírný, a.s.**  
Uherský Brod

**Strojírnoství**  
**Elektrotechnika**

Wet painting plants			
Equipment	Length mm	Width mm	Height mm
Painting box	16000	4000	6300
	16000	4000	5000
	5800	3000	5000
	2200	3000	1500
	2200	3000	1500
	2200	3000	1500
	3500	6000	5000
	2200	2200	3200

NDT PERSONNEL		
Capillary	PT	according to ČSN 571-1
Magnetic	MT	according to ČSN EN 1290
X-ray	RT	according to 1435
Ultrasonic	UT	according to ČSN EN 1714

We also have an aluminium foundry and plating plant. Details of these plants can be found on our website [www.dornel.co.uk](http://www.dornel.co.uk). Info sheets can also be provided by using the contact details below.



The above is an aerial view of the SUB Plant in Slovácké strojírný, a.s. Czech Rep

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