

## Machinery Equipment in the Production Field

### Mechanical Production

#### CNC Drilling and Milling Machine (WFT 160/160)

max. machine range	x	8.500 mm
	y	4.000 mm
	z	2.000 mm
	WK	800 mm
Table (rotating)		2.500 x 3.000 mm
Floor plate		5.000 x 10.000 mm
max. table load		40 t

#### NC Drilling and Milling Machine (Heavycut 4.2)

max. machine range	x	11.000 mm
	y	4.500 mm
	z	2.500 mm
	W	1.200 mm
Table (rotating)		2.500 x 3.000 mm
Floor plate		5.000 x 7.000 mm
		5.000 x 35.000 mm
max. table load		40 t

#### NC Drilling and Milling Machine (Heavycut 4.1)

max. machine range	x	14.000 mm
	y	6.000 mm
	z	2.500 mm
	W	1.300 mm
Table (rotating)		2.500 x 3.000 mm
Floor plate		7.200 x 4.000 mm
		7.200 x 8.000 mm
max. table load		40 t

#### Turning Lathes (var.)

max. swing diameter over bed	890 mm
max. swing diameter over bed slide	520 mm
max. distance between centers	8.000 mm
max. workpiece weight	8.000 kg

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## Machinery Equipment in the Production Field

### Drilling and Milling

#### Horizontal Drilling and Milling Machine BFT 130

with Heidenhain Control TNC 355

travel	x	2.235 mm
	y	1.520 mm
	z	2.455 mm
	B	360°
	W	900 mm
table size		1.800 x 2.000 mm
max. table load		8 t

#### Horizontal Drilling and Milling Machine BFT 105

with Heidenhain Control TNC 355

travel	x	1.750 mm
	y	1.250 mm
	z	1.250 mm
	B	360°
	W	450 mm
table size		1.250 x 1.400 mm
max. table load		4 t

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## Machinery Equipment in the Production Field

### Turning

#### Facing Lathe (DXP/ 3)

max. turning diameter / internal chucking .....	3.150mm
max. turning length .....	6.000 mm
max. workpiece weight .....	20 t

#### Center Lathes

	<b>1</b>	<b>2</b>
max. turning diameter .....	630 mm	800 mm
max. turning length .....	1.600 mm	3.150 mm
spindle bore diameter .....	70 mm	90 mm

### Milling

#### Universal Milling Machine FQW (Klopp)

max. machine range .....	x .....	1.200 mm
.....	y .....	450 mm
.....	z .....	450 mm
table size .....	400 x 1.600 mm	

#### NC-Controlled Universal Milling Machines (FVN 2000 TNC)

max. machine range .....	x .....	2.000 mm
.....	y .....	250 mm
.....	z .....	100 mm
table size .....	460 x 2.900 mm	

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