

Forging

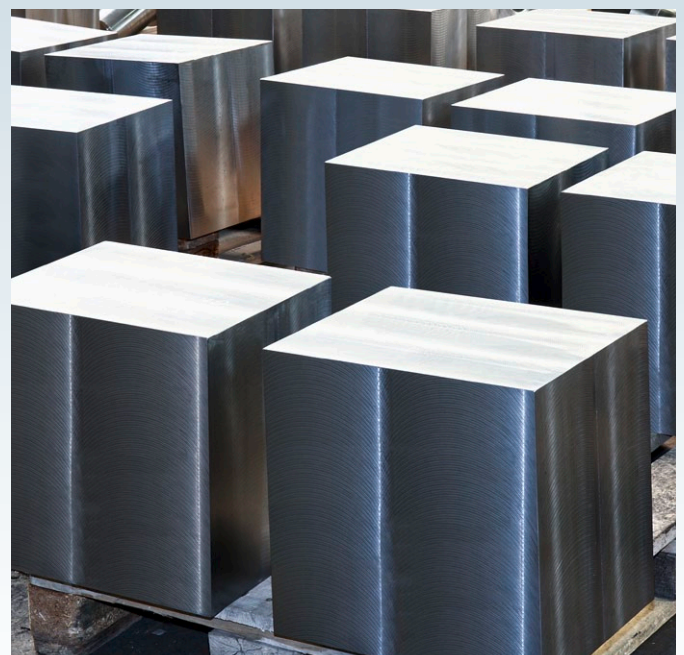
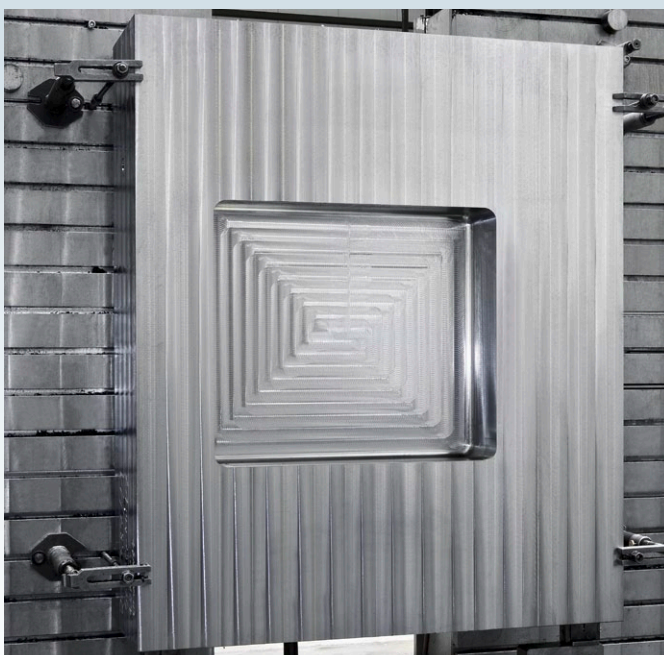
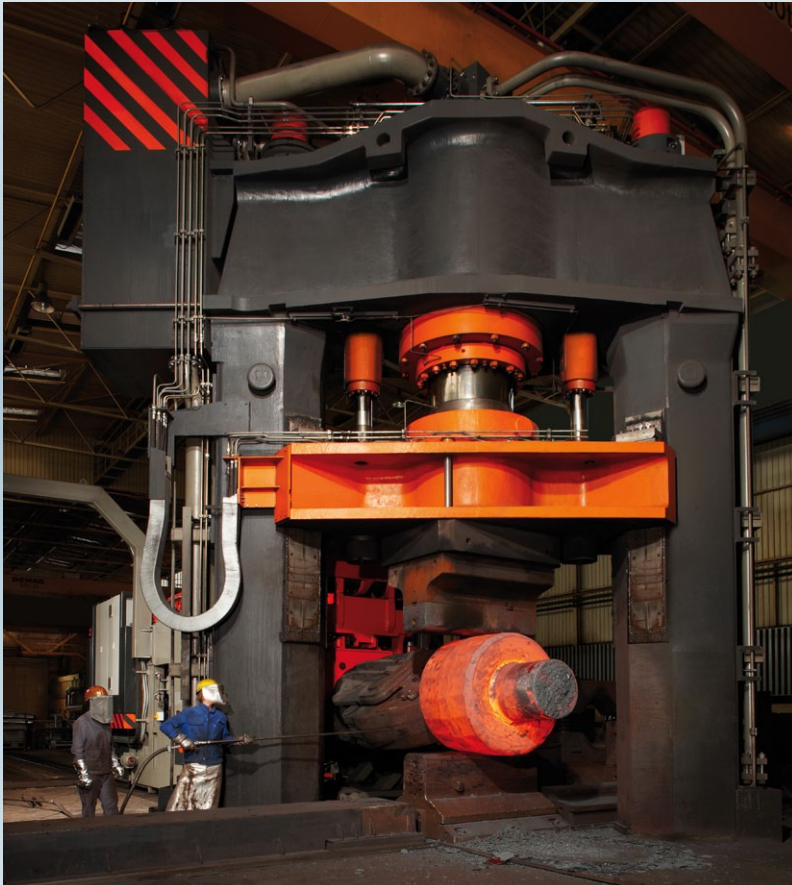
Sawing

Machining

Heat Treating

Trading

TOOL STEEL



OUR BUSINESS ACTIVITIES

Tool steel - forged, heat treated, saw cut, pre or finish machined, stock material. Manufacture of individual pieces, complete solutions, contract manufacturing - everything from one source.

Forging

Roundbars, stepped forged shafts, bearings boxes, blocks and outline forged pieces up to a single piece weight of 33 tons and 13 m length produced on 3 CNC open die forging-presses

Heat Treating

Multiple shuttle furnaces for the quenching and tempering of pieces with a length of up to 12,600 mm, corresponding quenching basins for the length specified above, and recoiling options, quenching with characteristics similar to water and oil possible

Sawing

more than 30 bandsaws for horizontal and vertical cuts up to 1,500 x 2,000 mm for rectangles and 1,500 mm diameter for roundbars

Trading

Steel bars in forged and pre-turned condition with a 3.1 certificate in dimensions between 200 and 1,300 mm diameter.

Machining

30 high performance machines for turning, milling and drilling of pieces up to 60 to individual weight

4 machining centers	x 3,650, y 2,250, z 1,600 mm
4 travel stand milling machines	x 16,000, y 4,000, z 1,600 mm
2 fixed bed-type milling machines	x 6,200, y 1,670, z 1,050 mm
1 gantry type portal milling machine	x 7,000, y 3,400 [passage 2,550], z 1,000 [passage 1,500] mm
7 portal milling machines	x 12,000, y 4,200, z 3,000 mm
4 vertical turret lathes	x 2,920, y 2,500, z 1,000 mm
7 centre lathes	centre height Ø 1,020, max. Ø 1,560, max. length 14,000 mm
2 table drills	x 3,000, y 2,000, z 1,000 mm

Certificates

TÜV CERT, GL, DNV, LRS, RINA, ABS, BV, DRGL and AD 2000.

We as the manufacturer supply mill certificates in accordance with DIN EN 10204

Further test certificates from authorities as CCS, Russian Register or others are possible.

Material grades*

Material No.	DIN EN ISO 4957/SEL	AISI
1.2080	X210Cr12	D3
1.2379	X153CrMoV12	D2
1.2343	X37CrMoV5-1	H11
1.2344	X40CrMoV5-1	H13
1.2365	32CrMoV12-28	H10
1.2367	X38CrMoV5-3	
1.2714	55NiCrMoV7	L6

*Further materials on request

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