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prolift

CUTTING
EDGE
METAL
SOLUTIONS





Prolift is a custom and contract manufacturer for wide range of metal works.

We specialize in custom laser cutting, punching and bending mild steel, stainless steel and aluminum. Our inhouse engineering services and machine shop include numerous value-added services such as welding, drilling, forming, custom assembly and more. We are a values-driven company and develop our products and services in an individual manner, considering the special needs of our clients and consistency of high quality custom manufactured parts, cost-effective solutions, competitive prices and just-in -time delivery. We believe we will be successful if our clients are successful and we act in a manner, which follows our corporate strategy of high ethical and moral standards. We are offering more than just products and services – we offer complex and custom outsourcing solutions!



LASER CUTTING

DRILLING

FABRICATION

BENDING

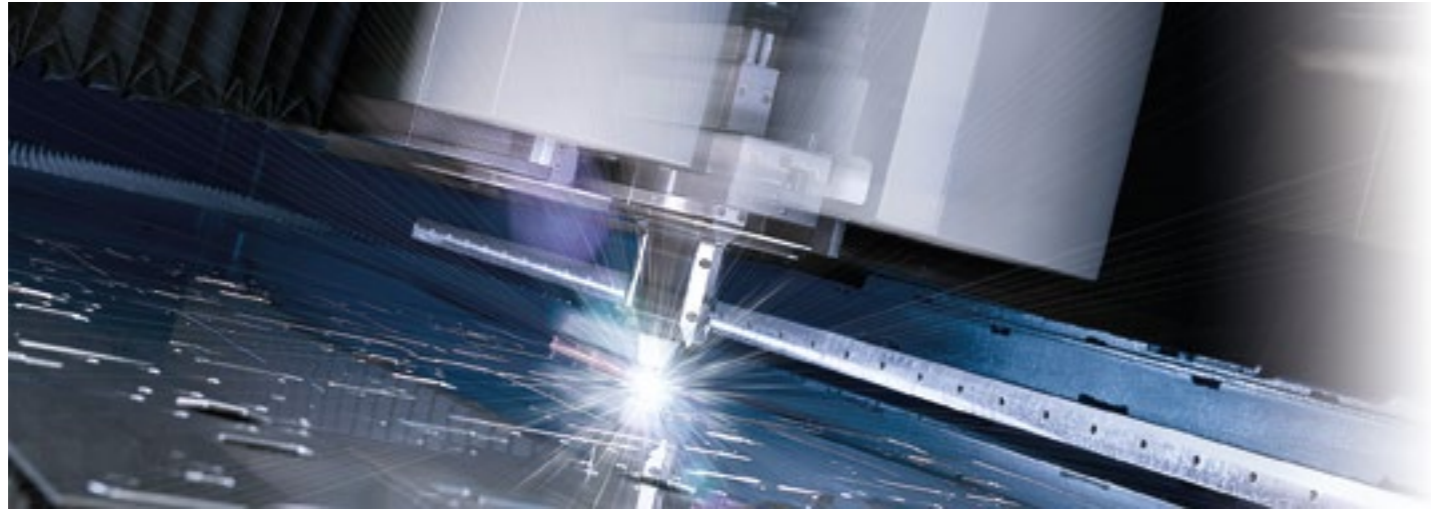
FORMING

PUNCHING

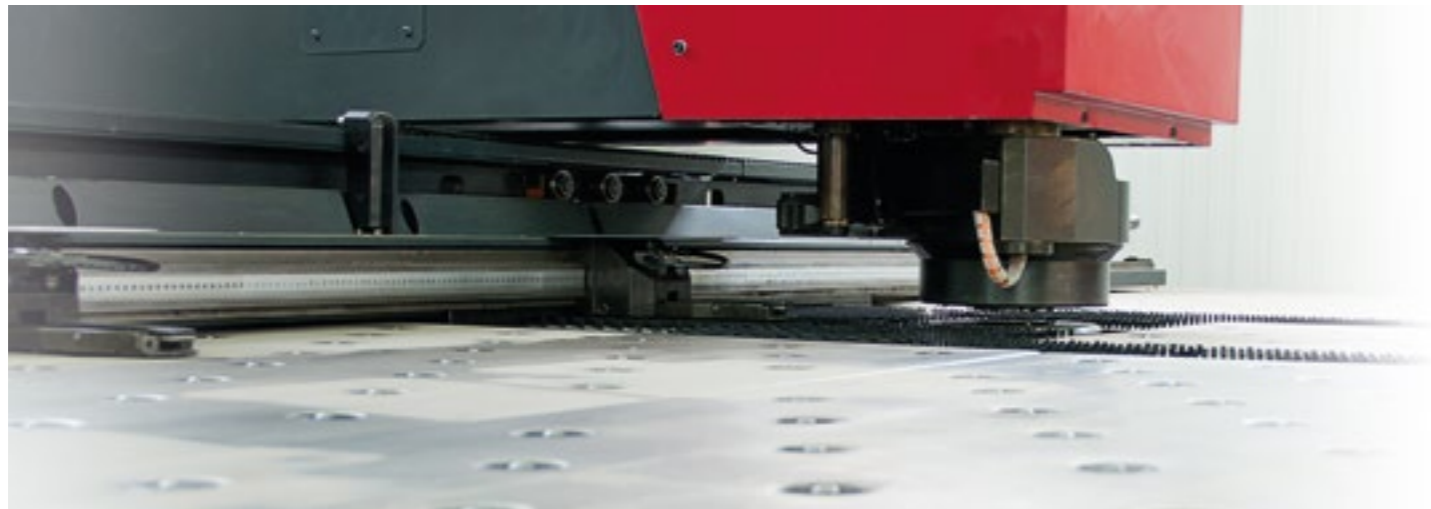
WELDING

ASSEMBLY

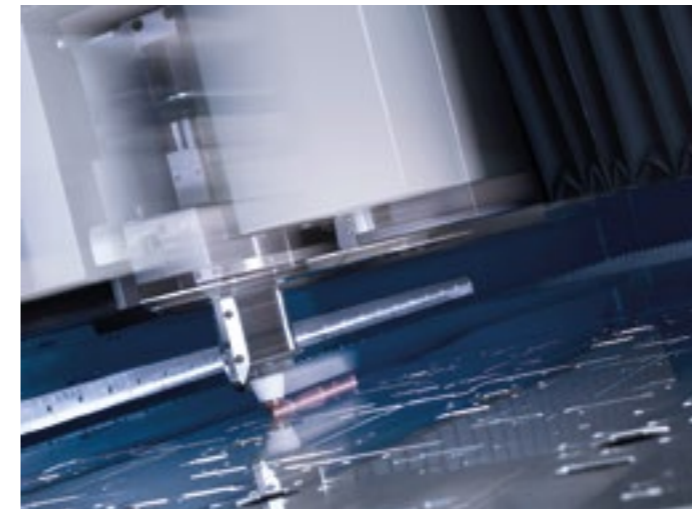
MACHINE
PARK



MACHINE
PARK



LASER
CUTTING
MACHINE



LASER
CUTTING
MACHINE

Our TRUMPF TruMatic L4030 laser cutting machine is designed for cutting short to long run production. With the automatic pallet loading system TRUMPF LiftMaster, we ensure prompt processing and quick turnaround from order to shipment.

LASER CUTTING MACHINE TRUMPF TRUMATIC L4030

LASER POWER	3.0 kW	
MAX. WORKING AREA X x Y x Z	4000 x 2000 x 115 mm	
MAX. SHEET THICKNESS	STEEL	20 mm
	ST. STEEL	12 mm
	ALUMINUM	8 mm
MAX. WORK-PIECE WEIGHT	1250 Kg	
SMALLEST PROGRAMMABLE INCREMENT	0.01 mm	



CNC
PUNCHING
MACHINE



CNC
PUNCHING
MACHINE

For rapid punching operations, we use our CNC punch presses – BAIKAL BPM 1225 x 30 with working area of 2540 x 1270 mm and can punch pieces as thick as 6.4 mm on steels. All tools on our punch presses have full 360° head rotation, giving them greater flexibility and speed of punching operations.

CNC PUNCHING MACHINE BAIKAL BPM 1225 x 30

WORKING RANGE X x Y	2540 x 1270 mm
MAX. PUNCHING DIAMETER	88.9 mm
MAX. SHEET THICKNESS	6.4 mm
MAX. PUNCHING RATE	600 strokes/min
POSITIONING ACCURACY	± 0.1 mm



CNC
PRESS
BRAKE



Our CNC hydraulic press brake – BAIKAL APHS 4110 x 240 allows us to form steel parts with capacity up to 240 tons and lengths up to 4100 mm.

CNC HYDRAULIC PRESS BRAKE BAIKAL APHS 4110 x 240T

CAPACITY	2400 kN
BENDING LENGTH	4100 mm
DAYLIGHT OPENING	530 mm
STROKE	260 mm
THROAT GAP	410 mm



CNC
PRESS
BRAKE

HYDR.
SHEAR



HYDR.
SHEAR

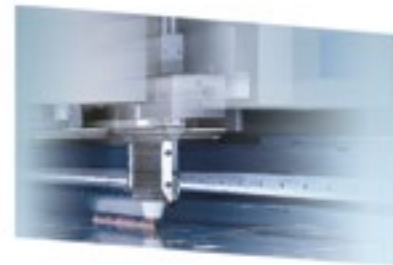
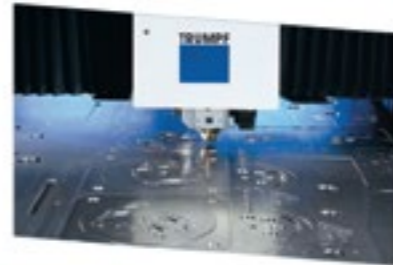
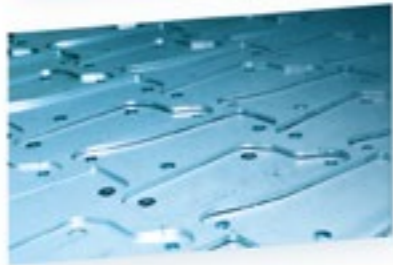
Our hydraulic shear – BAIKAL HNC 4100 x 10 allows us to cut steel sheets with thickness up to 10 mm and lengths up to 4070 mm.

HYDRAULIC SHEAR BAIKAL HNC 4100 X 10

CAPACITY	< 450 N/mm ²	10 mm
	< 700 N/mm ²	6 mm
CUTTING LENGTH	4070 mm	
RAKE ANGLE	0.5° - 2.0° degree	
STROKES PER MINUTE	9-14 cuts/min	



CONTACT



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