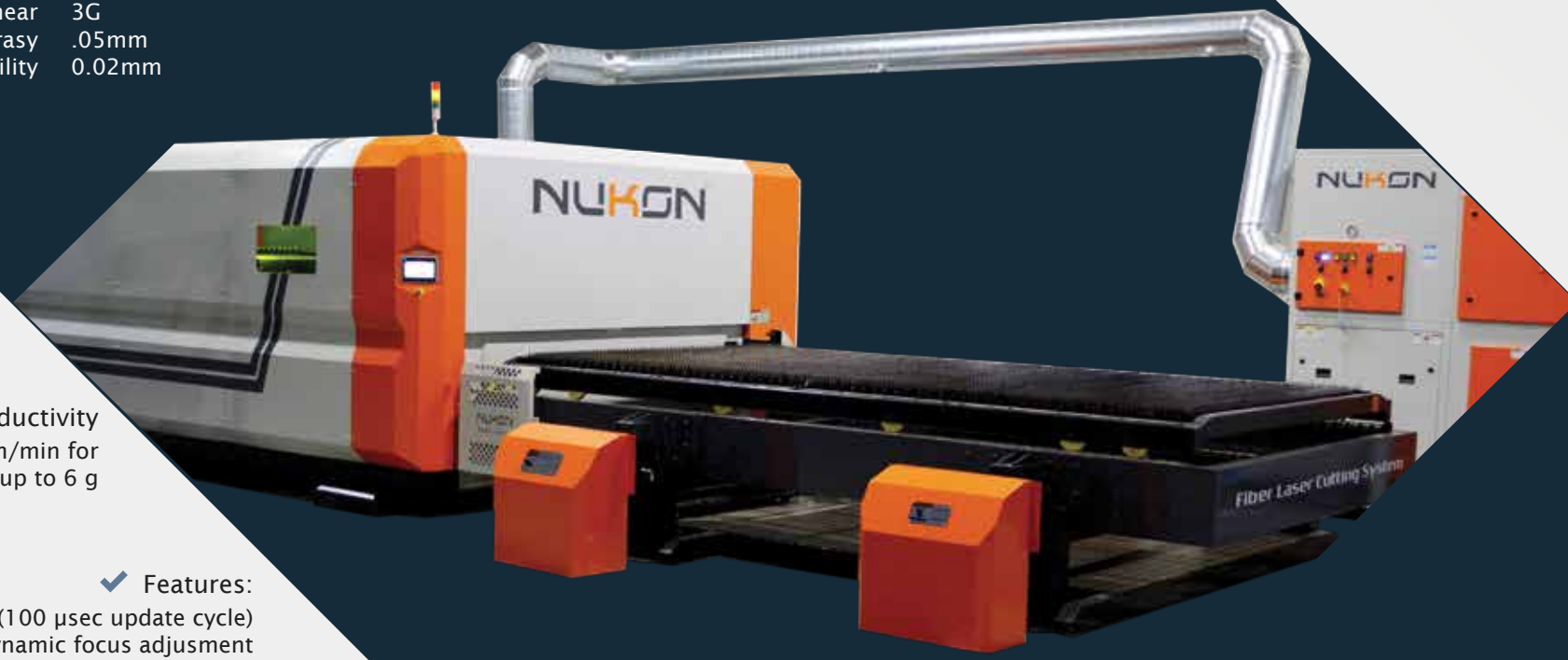
NUKON NF PRO FIBER LASER CUTTING MACHINE

FRIGOVENT

Production, Capacity

Technical Specifications

Sheet dimensions	2030 x 4050mm
Resonator (IPG)	3 kW
Laser Fiber Diameter	100µm
Maximum Cutting Capacity	
Mild Steel	18mm
Stinless Steel	10mm
Aluminium	8mm
Brass	5mm
Copper	5mm
Working Table Height	900mm
Maximum Loading Capacity	2000 kg
Axis	
X-Axis	2030mm
Y-Axis	4050mm
Z-Axis	6050mm
Acceleration Speeds (G)	
Rack and Pinion (Servo Motor)	1.5G
Linear	3G
Positioning Accurasy	.05mm
Repeatability	0.02mm



High process productivity

High processing speeds up to 20m/min for vertical movements.High accelerations up to 6 g

Features:

Very fast capacitive height sensing (100 µsec update cycle)
Machine controlled dynamic focus adjusment
Rugged mechanical design
Consumable exchange
Focus- nozzle centration

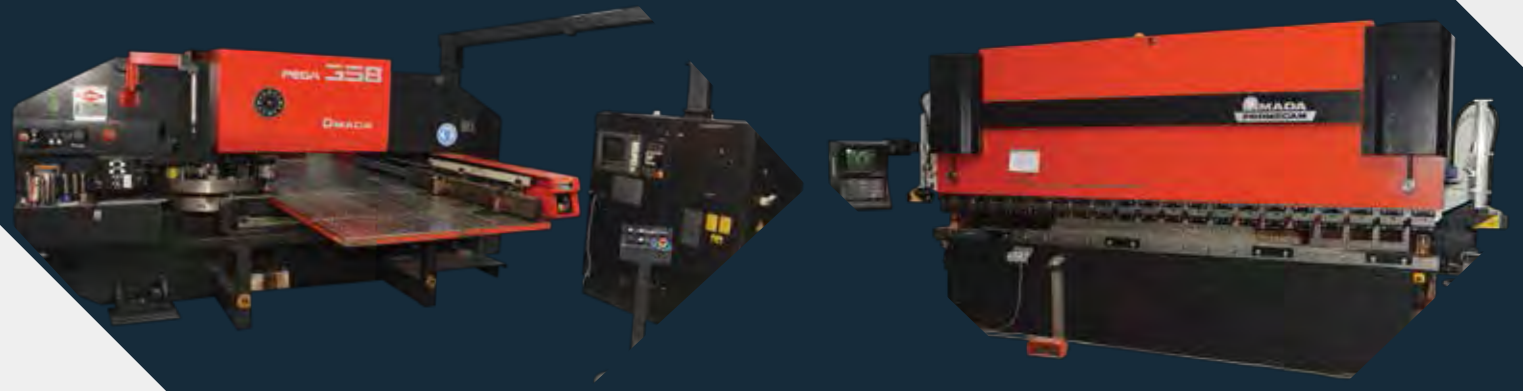
AMADA PEGA CNC TURRET PUNCH PRESS

FRIGOVENT

Production, Capacity

Punching System Specifications

Press Capacity	33 Tons		
Press Stroke	1.575"		
Stroke Rate (X/Y)	Pitch	Stroke	Stroke Rate
	0.312"	1.575"	350
	1.000"	1.575"	200
Maximum Hole Diameter	4.500"		
Tool Type	Amada Thick Turret		
Turret Rotation Speed	25 RPM		



Motion Package Specifications

Punching Accuracy	±0.004"
Positioning Accuracy	±0.001"
Repeatability	±0.001"
Max. Linear Table Speed	3929 IPM
Control Method	X, Y, T & C
Maximum Sheet Thickness with Ball Transfer Table	0.250"
Maximum Material Weight with Ball Transfer Table	220lb.
Drive Motors	Fanuc AC Servo (X, Y, T, C)
Maximum Axis Travel	78.740" (X) by 50" (Y)
Travel Method	X and Y axes work piece movement
Maximum Sheet Size	50" (Y) x 157.5" (X) with one repos. cycle

AMADA PROMECAM PRESS BRAKES

Specifications

Tonanage (KN)	1 700
Table width (mm)	180
Motor power (kW)	11
Open height (mm)	450
Stroke lenght (mm)	180
Troat depth (mm)	410
Approach speed (mm/sec)	100
Bending speed (mm/sec)	1 to 8
Return speed (mm/sec)	1 to 80
Material thickness (mm)	0.5 to 30
Die opening	4 to 250

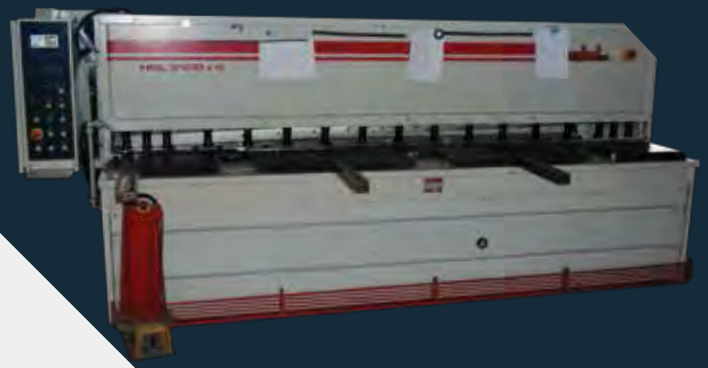
BAYKAL HGL HYDRAULIC SHEAR

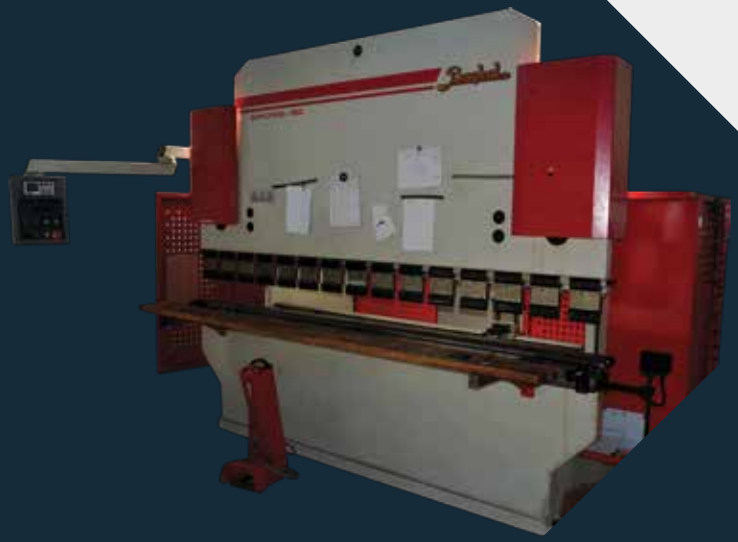
FRIGOVENT

Production, Capacity

Specifications

Cutting length	3060 mm
Max. thickness	6 mm
Capacity	
≤450 N/mm2	6 mm
≤700 N/mm2	4 mm
Rake angle	1.6˚ degree
Maotor power	11 kW
Number of holddowns	17 pcs.
Strokes per minute	20 cuts/min.
Back gauge range	750 mm





BAYKAL APH PRESS BRAKES

Specifications

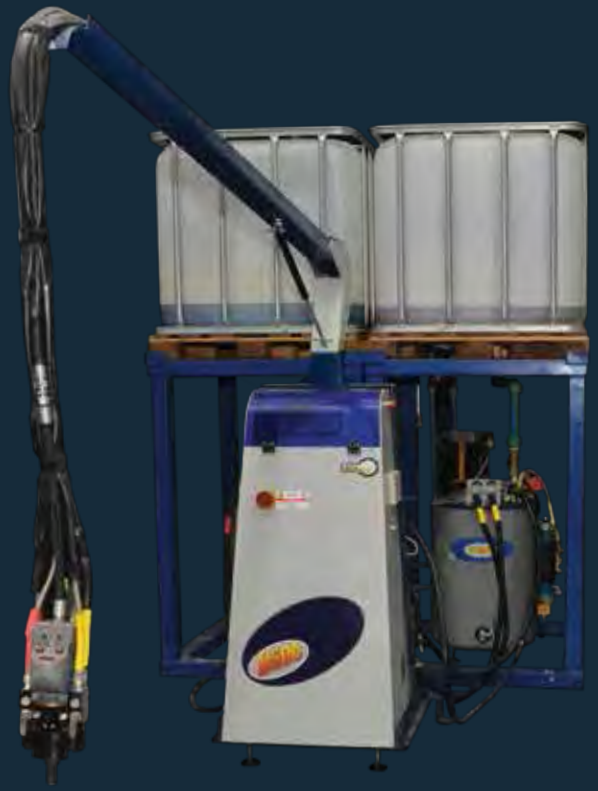
Maximum Tonnage Capacity(t)	120
# Axis	4
Hyd/Mech	HYD
Control	CNC (ESA S 530 4-Axis CNC Control)
Overall Length Of Bed & Ram(mm)	3100
Distance Between Housings(mm)	2540
Open Height(mm)	530
Troat depth (mm)	410
Stroke Length(mm)	260
Approach speed (mm/sec)	236 IPM
Return speed (mm/sec)	189 IPM
Material thickness (mm)	6

EUROPOLIURETANI POLYURETHANE EQUIPMENT

FRIGOVENT

Description

The polyurethane systems manufactured by Europoliuretani can be subdivided into rigid, flexible, integral, viscoelastic and elastomer – they represent the “key material” of many industrial businesses’ production chain.
These systems are suitable for different applications:
· refrigeration (walk-in chambers, refrigerated boxes, refrigerators, etc.)
· boating (buoys, life-vest, etc.)
· sanitary systems (water heaters, boilers, etc.).
· doors and windows (shutters, frames, etc.)
· construction (sandwich panels for prefabricated structures)
· special applications (pipes, modules, mannequins, etc.)



Production, Capacity

We can produce Integral and Elastomer polyurethane foam systems, Flexible, Viscoelastic and Isocyanate systems for special applications. Such are made via physical blowing (ODP=0) or chemical agents that can be either very hard or very soft and, upon request, even self-extinguishing (class 1 IM, British Standard).

Since polyurethane is a very versatile material, it can be used for various applications in several sectors:
· furniture (arm rests, seats, sofas, etc.)
· automotive (arm rests, steering wheels, seats, etc.)
· memory foam products (pillows, mattresses, etc.)
· special applications(soles, rubber agglomerates for floorings, etc.)

GALILEO REFRIGERANT CHARGING

Sescription

GALILEO TP has designed and manufactured PQ CHARGE according to the strictest international standards for safety and for the protection of the environment. The microprocessor control system allows the unit to work automatically and to display of all the information necessary for the work cycles and the diagnostics.
PQ CHARGE offers:
· 10 programmable working cycles (more on request)
· All functions programmable from an integrated keyboard
· Larger LCD graphic display and light tower (optional)
· Precise microprocessor controlled dosing system
· 3 options of the refrigerant supply system available - integrated refillable tank (inside the cabinet) - changeable tank mounted on board - centralized refrigerant supply system