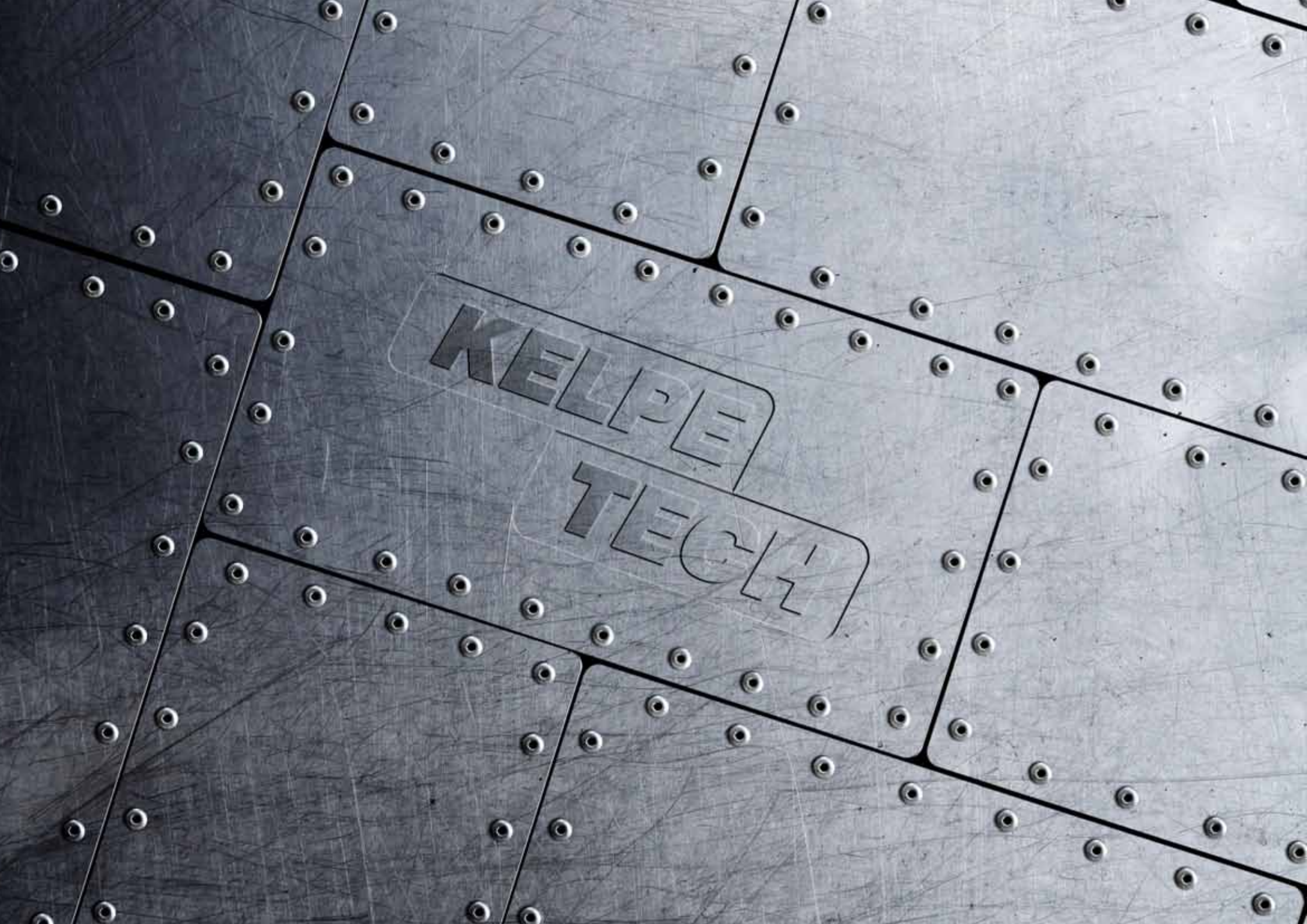




NEW DIMENSIONS
TO CUTTING-EDGE
SOLUTIONS

**KELPE
TECH**



**KELPER
TECH**



KELPETECH, an extension of Kelachandra Engineering, was established in 2007 in UAE and is now well established as one of the region's leading manufacturers of CNC Machinery with a focus on CNC Profile Cutting Machines – Waterjet Cutting Systems, Plasma and Oxyfuel Plate Cutting Machines, Pipe Profile Cutting Machines and Beam Coping Machines to name a few.

As a manufacturer based in the UAE, KELPETECH takes pride in not only supplying quality machinery but also providing comprehensive after-sales service and technical support. Our team of service personnel ensure that prompt attention is provided to all service or technical support calls so that the machines are utilized to their full capacity at all times.

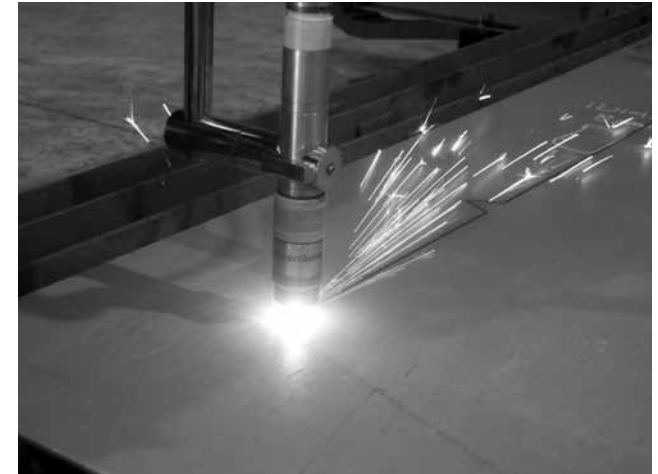
A family run business, Kelachandra Engineering was established in 1912 and continues a tradition of manufacturing high-quality innovative engineering products, assuring customer satisfaction through five generations of engineers.

CNC PLASMA / OXYFUEL MAXXIS X030



Specifications

	MAXXIS 2030	MAXXIS 5030	MAXXIS 8030	MAXXIS 11030	MAXXIS 14030
Size and Travel					
Overall Machine Length	3m	6m	9m	12m	15m
Overall Machine Width	5m				
Effective Long Travel (Y Axis)	2m	5m	8m	11m	14m
Effective Cross Travel (X Axis)	3m				
Torch Height Travel (Z Axis)	250m				
Oxyfuel Cutting Head (Standard)					
Cutting Torch	HARRIS (USA)				
Cutting Capacity	4mm-150mm (Low Carbon Steel)				
Plasma Cutting Head (Optional)					
Cutting Torch	HYPER THERM (USA)				
PowerMax 105 (105A)	18mm (MS) / 12mm (SS)			Cutting Only	
PowerMax 125 (125A)	25mm (MS) / 18mm (SS)			Cutting Only	
HSD 130 (130A)	25mm (MS) / 20mm (SS)			Cutting Only	
HPR 130XD (130A)	32mm (MS) / 20mm (SS)			Cutting and Marking	
HPR 260XD (260A)	38mm (MS) / 32mm (SS)			Cutting and Marking	
HPR 400XD (400A)	50mm (MS) / 45mm (SS)			Cutting and Marking	
ARCWRITER	Marking Only				
Drive System					
OEM	MITSUBISHI (Japan)				
Cutting Feed Rate Range	100-3,000mm / min				
Rapid Traverse Rate	10,000mm / min				
Positioning Resolution	0.1mm				
Installation Data					
Machine Weight	1000kg	1200kg	1700kg	2200kg	2700kg
Total Connected Load	2.3 KVA (Oxyfuel) + Plasma				
Input Power Supply	230 VAC, Single Phase, 10A (Oxyfuel) + Plasma				



Features

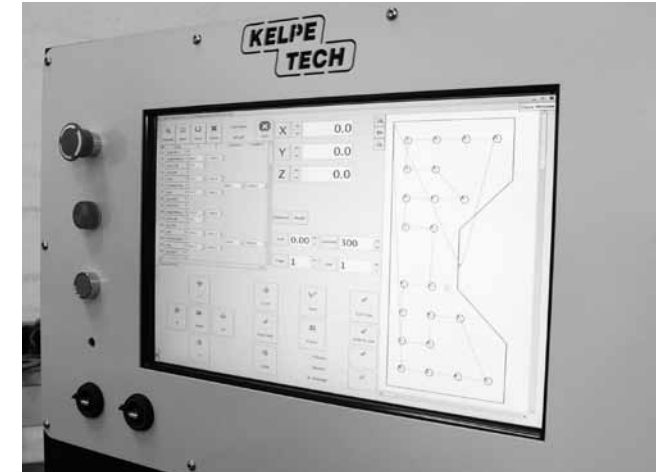
- MITSUBISHI (JAPAN) Electronic Controls
- Choice of HYPER THERM (USA) Plasma units
- HARRIS (USA) Oxyfuel Cutting Torch
- Precision Ball Screw / Rack and Pinion Drives on all Axes
- 19 inch Display and True Nesting Software
- Extendable long travel from 2m up to 14m
- Hardened and Ground LM Guide ways on all Axes

CNC PLASMA / OXYFUEL FLYBRIDGE X020



Specifications

	FBP 3020	FBP 6020
Size and Travel		
Overall Machine Length	4m	8m
Overall Machine Width	5m	
Effective Long Travel (Y Axis)	3m	6m
Effective Cross Travel (X Axis)	2m	
Torch Height Travel (Z Axis)	250mm	
Oxyfuel Cutting Head (Standard)		
Cutting Torch	HARRIS (USA)	
Cutting Capacity	4mm-150mm (Low Carbon Steel)	
Plasma Cutting Head (Optional)		
Cutting Torch	HYPERTHERM (USA)	
PowerMax 105 (105A)	18mm (MS) / 12mm (SS)	
PowerMax 125 (125A)	25mm (MS) / 16mm (SS)	
Drive System		
OEM	MITSUBISHI (Japan)	
Cutting Feed Rate Range	100-2,000mm / min	
Rapid Traverse Rate	8,000mm / min	
Positioning Resolution	0.1mm	
Installation Data		
Machine Weight	1000kg	1200kg
Total Connected Load	2.3 KVA (Oxyfuel) + Plasma	
Input Power Supply	230 VAC, Single Phase, 10A (Oxyfuel) + Plasma	



Features

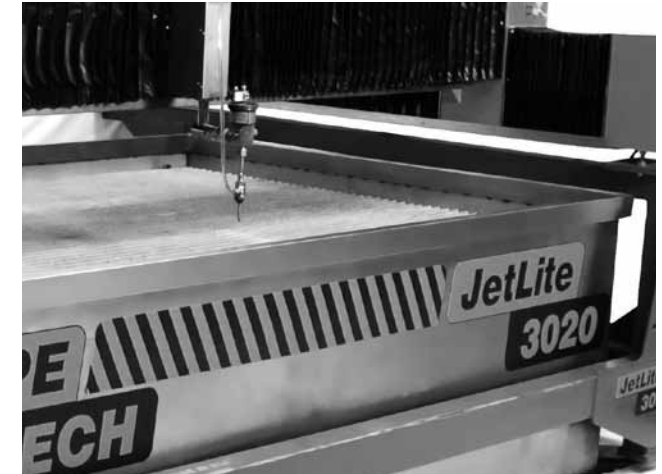
- Cantilever design for easy loading of plates
- Compact and portable machine structure
- MITSUBISHI (Japan) Electronic Controls
- HARRIS (USA) Oxyfuel Cutting Torch
- Choice of HYPERTHERM (USA) Plasma units
- Hardened and Ground LM Guideways on all Axes
- Precision Ball Screw / Rack and Pinion Drives on all Axes
- 19 inch Display and True Nesting Software

CNC WATERJET JETLINE SERIES



Specifications

Model	JetLite 3014	JetLite 3020	JetLite 4020	JetLite 3060
Size and Travel				
Effective Cross Travel (X Axis)	3m	3m	4m	3m
Effective Long Travel (Y Axis)	1.4m	2.0m	2.0m	6.0m
Torch Height Travel (Z Axis)	250mm			
Overall Machine Length	2.0m	2.6m	3m	6m
Overall Machine Width	5m	5m	6m	5m
Stainless Steel Table Dimensions	3.1m x 1.5m x 0.75m	3.1m x 2.1m x 0.75m	4.1m x 2.1m x 0.75m	3.1m x 6.1m x 0.75m
Waterjet Pump				
OEM	KMT (Germany)			
Pump Capacity (HP)	30 HP / 50 HP / 75 HP / 100 HP			
Pump Capacity (Max Pressure)	3800 bar / 4200 bar / 6200 bar			
Abrasive Delivery System	KMT (Germany)			
Cutting Head	KMT (Germany)			
Drive System				
OEM	Mitsubishi (Japan)			
Cutting Feed Rate Range	100-3,000mm / min			
Rapid Traverse Rate	8,000mm / min			
Positioning Resolution	0.1mm			
Installation Data				
Machine Weight	2000kg	2500kg	2800kg	3000kg
Total Connected Load	2.3 KVA (CNC Table) + Pump + 7.5 KVA (Chiller)			
Input Power Supply	230C, 1PH, 10A (CNC Table) + 380 VAC, 3PH (Pump and Chiller)			



Features

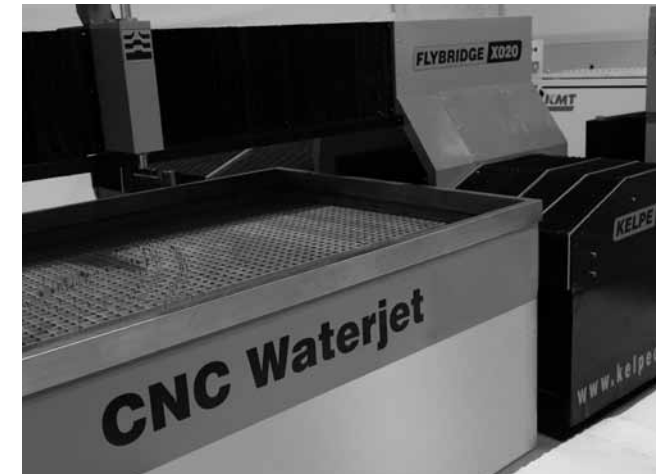
- MITSUBISHI (Japan) Electronic Controls
- Precision Ball Screw Drives on all Axes
- Choice of KMT (Germany) High Pressure Pumps
- KMT (Germany) make Cutting Head and AMS
- Hardened and Ground LM Guide ways on all Axes
- 19 inch LCD Display and True Nesting Software

CNC WATERJET FLYBRIDGE SERIES X020



Specifications

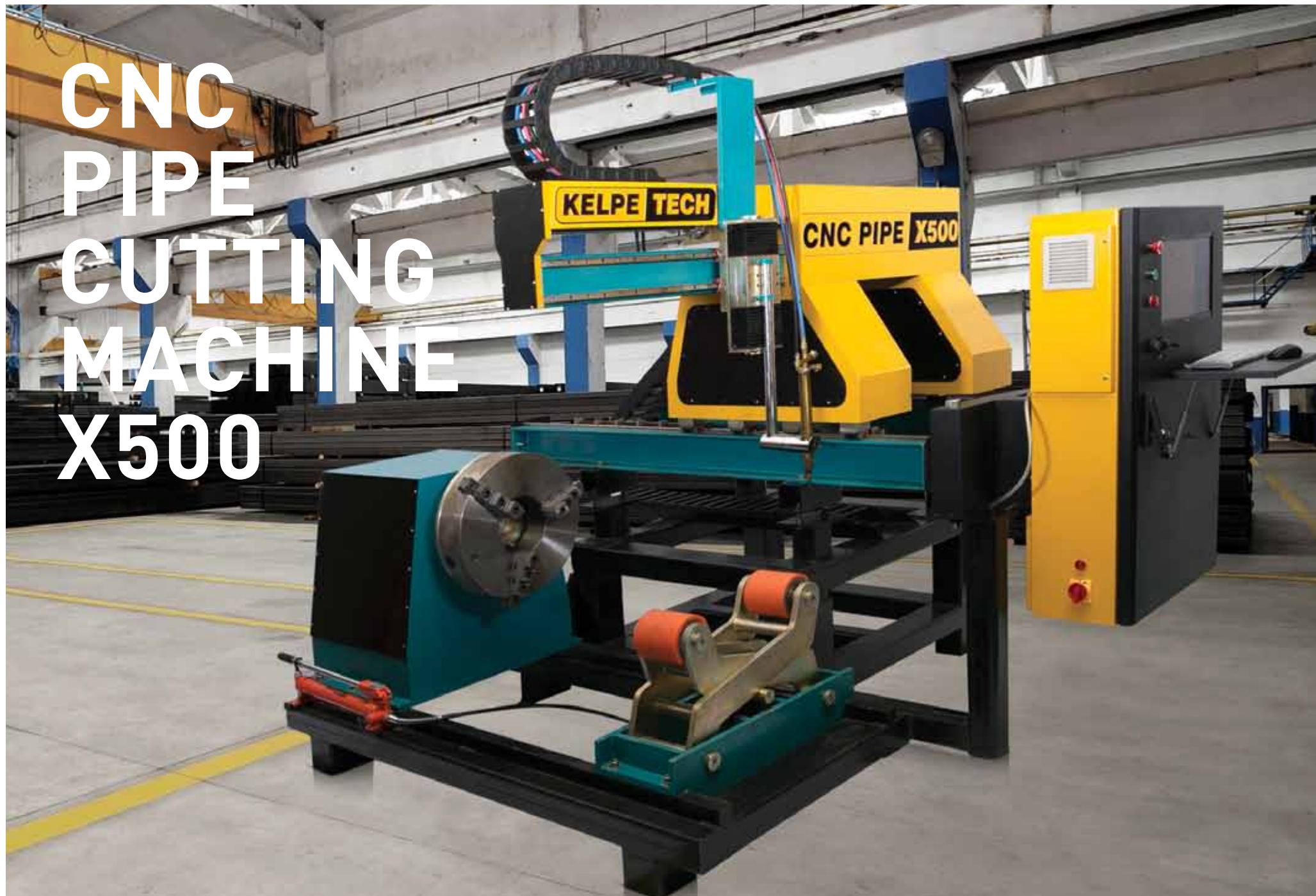
Model	FBW 3020
Size and Travel	
Effective Cross Travel (X Axis)	2m
Effective Long Travel (Y Axis)	3m
Torch Height Travel (Z Axis)	250mm
Overall Machine Length	3m
Overall Machine Width	5m
Cutting Table Dimensions	3.1m x 2.1m x 0.75m
Waterjet Pump	
OEM	KMT (Germany)
Pump Capacity (HP)	30 HP / 40 HP / 50 HP / 75 HP / 100 HP
Pump Capacity (Max Pressure)	3800 bar / 4200 bar / 6200 bar
Abrasive Delivery System	KMT (Germany)
Cutting Head	KMT (Germany)
Drive System	
OEM	MITSUBISHI (Japan)
Cutting Feed Rate Range	100-3,000mm / min
Rapid Traverse Rate	8,000mm / min
Positioning Resolution	0.1mm
Installation Data	
Total Connected Load	2.3 KVA (CNC Table) + Pump + 7.5 KVA (Chiller)
Input Power Supply	230 VAC, 1PH, 10A (CNC Table) + 380 VAC, 3PH (Pump and Chiller)



Features

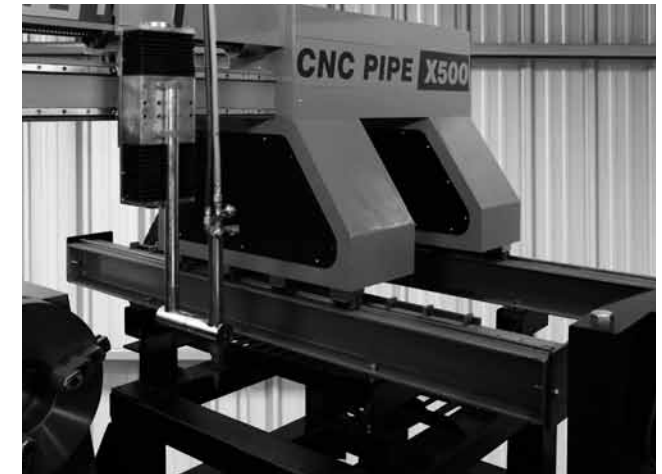
- Cantilever design for easy loading of plates
- MITSUBISHI (Japan) Electronic Controls
- Precision Ball Screw Drives on all Axes
- Choice of KMT (Germany) High Pressure Pumps
- KMT (Germany) make Cutting Head and AMS
- Hardened and Ground LM Guide ways on all Axes
- 19 inch LCD Display and True Nesting Software

CNC PIPE CUTTING MACHINE X500



Specifications

	CNCP 6500	CNC 12500
Size and Travel		
Overall Machine Length	8m	14m
Overall Machine Width	3m	
Effective Long Travel (Y Axis)	7m	13m
Max Pipe Diameter (mm)	500mm	
Max Pipe Wall Thickness	50mm	
Max Pipe Weight	4 tons	8 tons
Oxyfuel Cutting Head (Standard)		
Cutting Torch	HARRIS (USA)	
Cutting Capacity	4mm – 100mm (Low Carbon Steel)	
Plasma Cutting Head (Optional)		
Cutting Torch	HYPER THERM (USA)	
Powermax 105 (105A)	18mm (MS) / 12mm (SS)	
Powermax 125 (125A)	25mm (MS) / 16mm (SS)	
Drive System		
OEM	MITSUBISHI (Japan)	
Cutting Feed Rate Range	100-2,000mm / min	
Rapid Traverse Rate	8,000mm / min	
Positioning Resolution	0.1mm	
Installation Data		
Machine Weight	1000kg	1200kg
Total Connected Load	2.3 KVA (Oxyfuel) + Plasma	
Input Power Supply	230 VAC, Single Phase, 10A (Oxyfuel) + Plasma	



Features

- MITSUBISHI (Japan) Electronic Controls
- Precision Servo driven Rotary Chuck
- Beveling Head Option
- HARRIS (USA) Cutting Torch
- Precision Ball Screw / Rack and Pinion Drives on all Axes
- Hardened and Ground LM Guide ways on all Axes
- 19 inch LCD Display and True Nesting Software

CNC BEAM COPING MACHINE X800



Specifications

		CBC 800	
Size and Travel			
Overall Machine Length	2.3m		
Overall Machine Width	3m		
Overall Machine Height	5m		
Effective Travel (X/Y/Z)	800mm (X) x 800mm (Y) x 800mm (Z)		
Max Beam Width (mm)	800mm		
Max Beam Height (mm)	800mm		
Max Beam Thickness	50mm		
Oxyfuel Cutting Head (Standard)			
Cutting Torch		HARRIS (USA)	
Cutting Capacity	4mm -100mm (Low Carbon Steel)		
Drive System			
OEM		mitsubishi (Japan)	
Cutting Feed Rate Range	100-2,000mm / min		
Rapid Traverse Rate	8,000mm / min		
Positioning Resolution	0.1mm		
Installation Data			
Machine Weight	1000kg	2000kg	
Total Connected Load	2.3 KVA (Oxyfuel) + Plasma		
Input Power Supply	230 VAC, Single Phase, 10A (Oxyfuel) + Plasma		



Features

- MITSUBISHI (Japan) Electronic Controls
- 5 axes CNC Bevel Head
- HARRIS (USA) Cutting Torch
- Precision Ball Screw Drives on all Axes
- Hardened and Ground LM Guide ways on all Axes
- 19 inch LCD Display and True Nesting Software

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