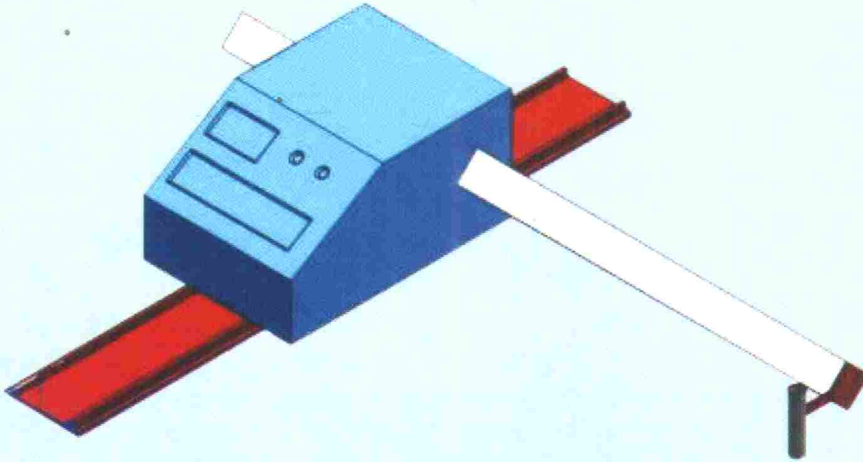


## CUB SERIES MINI PROFILE CUTTING MACHINE



The CUB series of MPC is a unique innovative product from Technocrats to solve most of your profile cutting problems. Easily transportable from one location in the factory to another, it is a versatile equipment for all profile cutting needs on smaller size plates. Available in two size variants, the CUB series performs all the profile cutting functions efficiently and effectively without making deep holes in the pocket. The CUB series carefully avoids the "luxuries" of an expensive profile cutting system and delivers superb quality and productivity at a much lower overall cost of ownership. All these qualities put together, Cub series profile cutting equipments provide an excellent ROI.

### Features :

- 2 Axis system with precision machined Rack and Pinion Drives
- Extrusion mounted precision guideways
- Digital AC Servo drives and motors for high speed, superb control, high precision and high repeatability water table for
- Low backlash (<7 arcmin) heavy-duty gearboxes for smooth motion
- Cable drag chains for hoses and cables
- Positioning Accuracy : +/- 0.5mm, Repeatability : +/-0.5mm
- Drive rack mounted directly on extrusion surface with guideways for precise alignment
- Plasma / Oxy-fuel torch carriage with Up / Dn control
- Drive speed upto 6m/min
- Bluetooth ready

### More Features (optional):

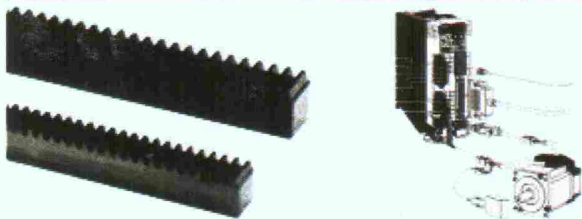
- Working length upto 3m
- Fully automatic Nesting feature
- Import CAD drawings (dwg, dxf, etc.)
- Capacitive Torch height sensing
- Fume extraction table with filters / water table for better environment
- Interface with storage devices - floppy drive, USB storage devices
- Remote diagnostics

• Portable yet robust • Optimal space utilization • Large cutting capacity • User friendly • Flexible - oxyfuel / plasma

• Versatile - can cut any profile • High accuracy and repeatability • Super cut quality • Numerous interface options

• Maintenance free • Easily upgradable • Remote diagnostics • Nesting option • Low cost of ownership

## Precision racks, pinions, gearboxes and drives



Positioning speed and accuracy of cutting depends on the selection of components. Cub series uses most meticulously picked components to achieve positioning Accuracy : +/-0.5mm and repeatability : +/- 0.5mm constantly and consistently over years.

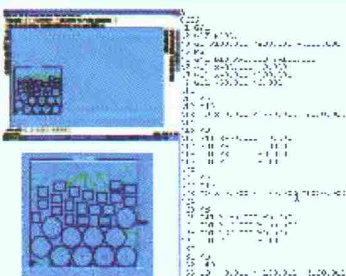
## CNC controller



Controllers are possibly the most critical part of the cutting equipment. Cub series CMC controllers are standalone controllers with embedded intelligence. These controllers also have built-in PLC's where customized programs can be downloaded.

Ease of operation: Navigation is through touchscreen based menu driven user interface making it extremely easy to operate. Large display screen shows real time cutting graphics.

## Nesting software



A good nesting software helps the user in achieving precise tolerances of cut parts, high productivity by nesting, less wastage and zero down time. Features include auto Validation, Simulation, Dimension / Enquiry functions, Lead-in Styles, Cutting Parameters, Corner Loops, Offcuts & Scrap Cuts, Grain Alignment, etc

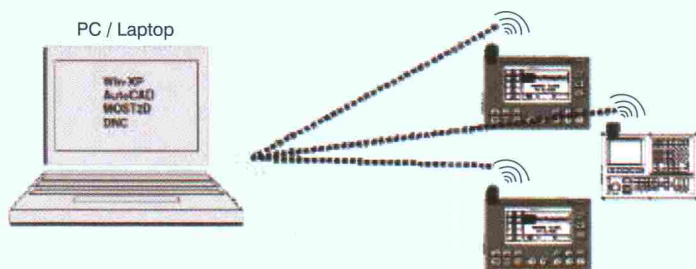
## Plasma

The Cub series can be interfaced with a wide variety of Plasma sources including our own KALI (both converterized and inverterized), Kjellberg or Hypertherm. Up/Dn control for the torch is provided on the main panel.

## Oxy-fuel

The Cub series can be interfaced with an oxy-fuel torch. Up/Dn control for the torch is provided on the main panel.

## Bluetooth enabled



Cub series profile cutting controllers are Bluetooth ready. With such devices, it is possible to connect several CNC's in the plant to a central computer. It is even possible to exchange data between 2 or more CNC's. This state of the art technology reduces cabling costs substantially and can be effectively used for data transfers.

## Ordering information

		Specifications	
Cub Series		1000	1500
Working width (single torch)	mm	1000	1500
Working length	mm	3000	
Maximum torch carriages	pcs	1 (plasma / oxy - fuel)	
Speed range	m/min	0.5 to 6	
Power requirement		230V, 50/60 Hz, 15A Single phase	

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Technical specifications are subjected to change because of continuous upgradation of products for better performance.