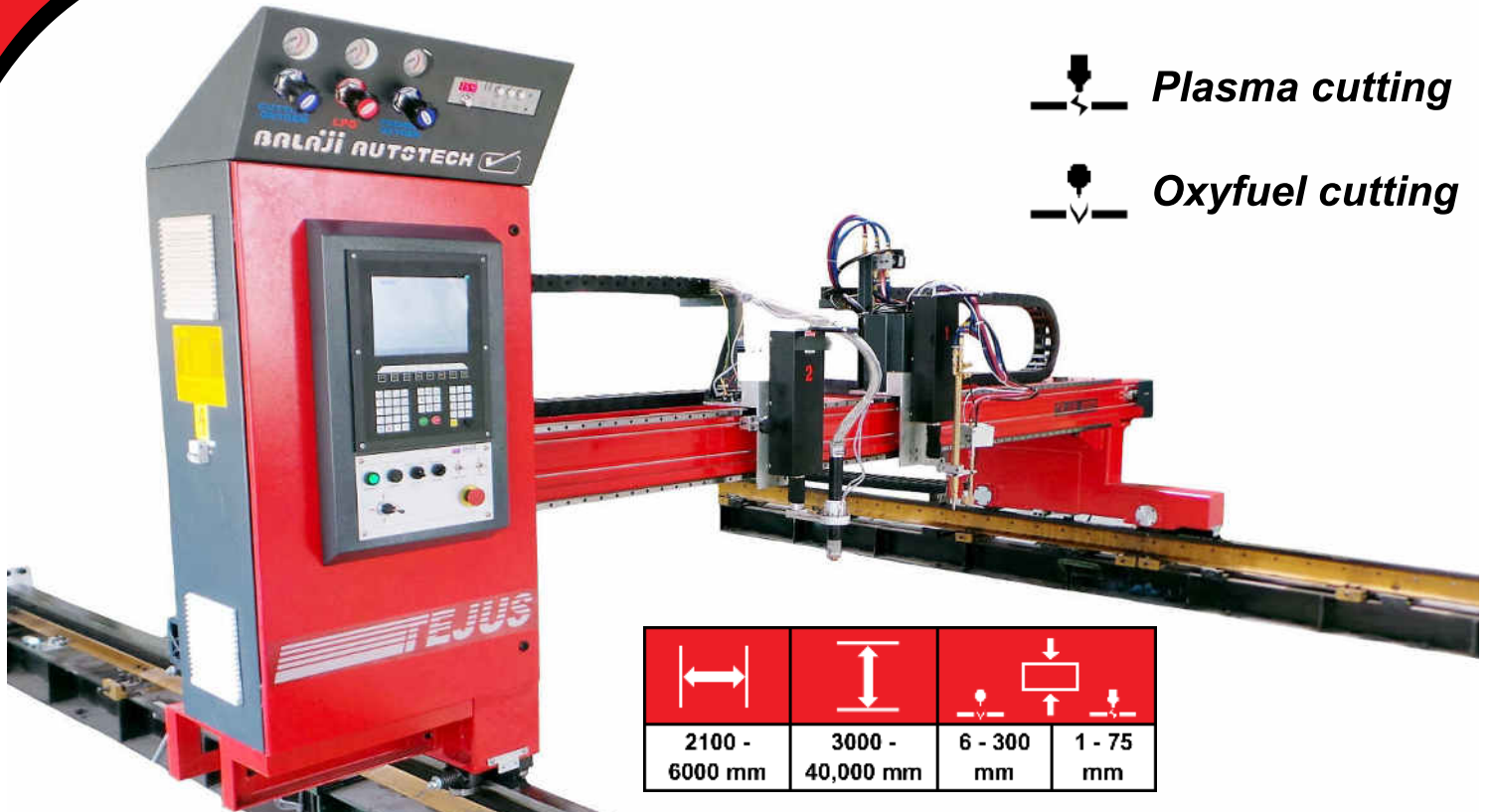








## CNC OXY FUEL PROFILE CUTTING MACHINES



 **Plasma cutting**

 **Oxyfuel cutting**

			
2100 - 6000 mm	3000 - 40,000 mm	6 - 300 mm	1 - 75 mm

### EASIER

### FASTER

### CUTS THICKER

TEJUS is a precision gantry & cantilever type CNC shape cutting machine with robust structure suitable for high speed & accurate cut. It is ideally suited for cutting complicated profile in medium & heavy industries.

#### MOTORIZED TORCH LIFTER FOR OXY-FUEL CUTTING



- Mechanism consists of motorized torch lifter & manual torch holder.
- Permanent Magnet DC Drive Motor for smooth & Precise Movement.
- End of travel UP / DOWN Limit Switches.
- Torch Lifter operates automatically through commands from the sensor or it can be operated manually.

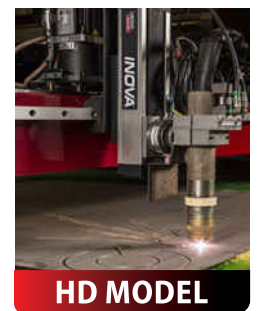
#### TORCH HEIGHT CONTROL

- Maintains & optimum distance between torch TIP & steel plate through non-contact capacitive measurement.
- PWM Servo output model with accuracy upto 0.5 mm with normal working distance 5-20 mm regardless of plate irregularities.



**AHC MODEL**

The Machine equipped with smart height controller for effectively cutting. The Plate ranging from 3 mm to 38mm thickness using air plasma



**HD MODEL**

The Machine equipped with High Definition Plasma (Dual Gas) with superior cutting quality & ideal consumables life with arc voltage sampling. Cutting thickness ranging from : 3mm to 75 mm





# TEJUS



## CNC OXY FUEL PROFILE CUTTING MACHINES

### SPECIFICATIONS

MODEL	T-2100	T-3000	T-4000	T-6000
CUTTING WIDTH WITH ONE TORCH STATION	2100mm	3000mm	4000 mm	6000 mm
CUTTING LENGTH	3000mm With option to extend up to 40000mm			
TOTAL WIDTH	3600mm	4500mm	5500mm	7500mm
MIN. PARALLEL CUT	100mm WITHOUT AUTO HEIGHT CONTROL 170mm WITH AUTO HEIGHT CONTROL			
CUTTING TABLE HEIGHT	550 mm			
SPEED	50-8000mm/min			
MACHINE AXIS	X,Y			
POSITIONING ACCURACY	±0.5mm			
REPITITION ACCURACY	±0.2mm			
CUTTING CAPACITY	ONE TORCH: 3-300mm TWO TORCH: 3-200mm FOUR TORCH: 3-100mm			
INPUT SUPPLY-MACHINE	1PHASE OR 3PHASE, 230V OR 415V, DEPENDS ON SERVODRIVES, 50Hz			



### OPERATOR CONSOLE

The Operator console Houses Servo Drives, CNC Module with optional Air Conditioner



### SMART FEATURES



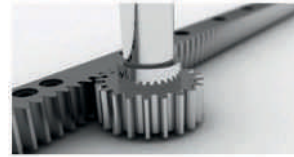
#### CNC CONTROL

We Offer reliable, user friendly high efficiency CNC from BURNY, Hypertherm, ESA giving the best results with every operator



#### SERVO DRIVE

DUAL Drive gantry system with AC Servo Drive Provides acceleration & smooth movement



#### LINEAR GUIDEWAYS & CARRIAGE

Precision LM Guideways & Rack used in conjunction with servo planetary gear box to ensure precision cut quality.



#### CAD/CAM & NESTING INTERFACE

We offer CAD/CAM & Nesting software products design to drive machine which improves productivity & profitability.

### WIDE RANGE OF PLASMA SOURCES & PLASMA TORCH CONSUMABLES



**LINCOLN ELECTRIC**

**Cutting Solutions**



**Kjellberg FINSTERWALDE**



*Cut with confidence®*

#### Products

CNC Flame / Plasma Cutting Machine  
CNC Retrofit & Automation  
CNC, Plasma Source and Torches  
GIVI Misure DRO, Encoder & Scales  
Special Purpose Machines

**HAVIS**  
**TEJUS**  
**SHREYAS**  
**RETROFIT**  
**ROTHREAD**

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