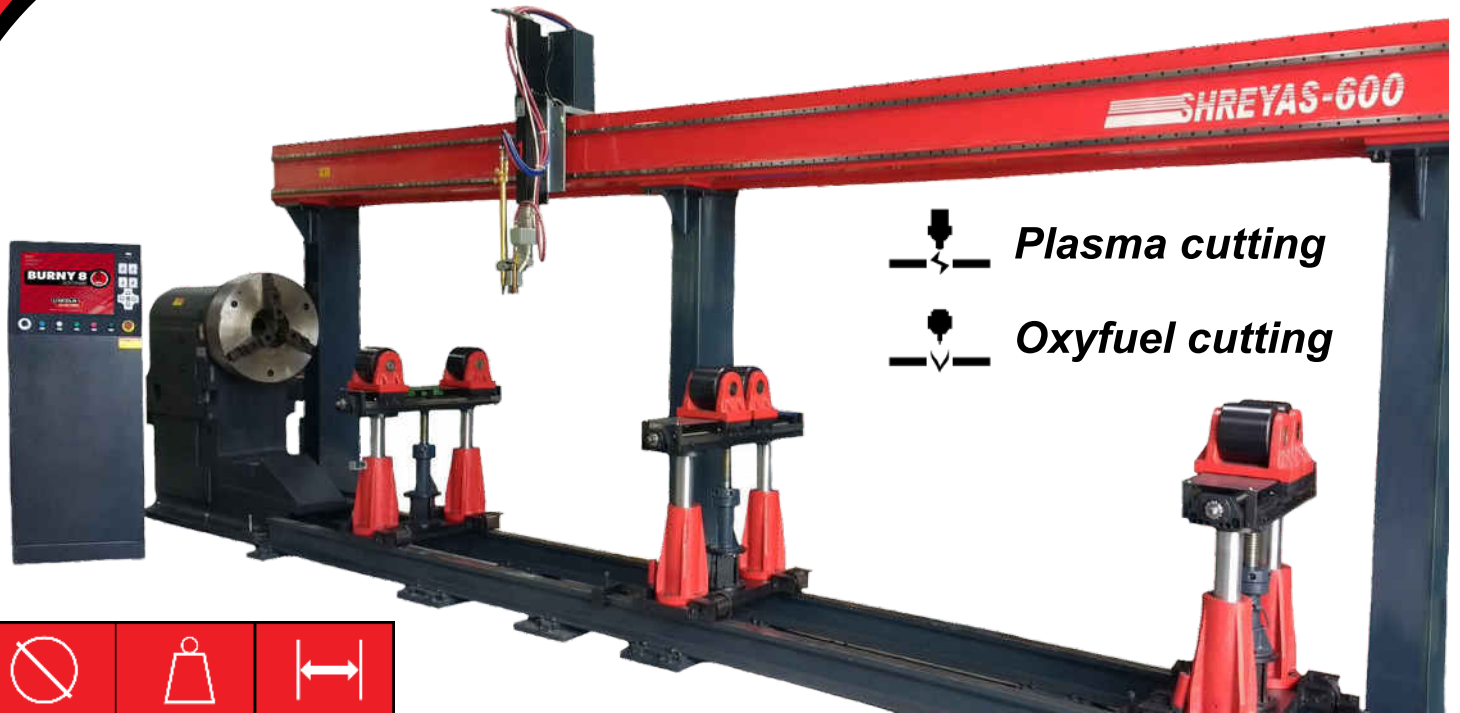




SHREYAS

PLASMA AND OXY FUEL PIPE PROFILE CUTTING MACHINE



 **Plasma cutting**

 **Oxyfuel cutting**

		
50 - 600 mm	5000 Kg	Up to 6000 mm

EASIER

FASTER

CUTS THICKER

The SHREYAS Pipe Profile Cutting is an economical pipe cutting machine that uses Oxy-Fuel / Plasma Process to cut the pipe held in chuck. We offer customized solution to suit your requirements.

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.



AUTOMATIC TORCH HEIGHT CONTROL FOR PLASMA CUTTING



- The Plasma torch is equipped electronic smart height control to deliver best cut quality in the industry.
- Maintains & optimum distance between torch tip & steel plate through Ohmic contact sense which maintains arc voltage
- Cuts highly accurate parts & sharp corners & notches.



Mechatronics Solutions-Made for you

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SHREYAS



PLASMA AND OXY FUEL PIPE PROFILE CUTTING MACHINE

SPECIFICATIONS

MODEL	SHREYAS - 300		SHREYAS - 600	
PROCESS	OXY-FUEL	PLASMA	OXYFUEL	PLASMA
PIPE DIAMETER	50mm-300mm		100mm-600mm	
THICKNESS	2mm-75mm	2mm-50mm	5mm-75mm	2mm-50mm
WEIGHT OF PIPE	≤5000kg			
MACHINE AXIS	up to 7000mm			
POSITIONING ACCURACY	±0.5mm			
REPITITION ACCURACY	±0.2mm			
CUTTING SPEED	50-700mm/min	200-3000mm/min	50-700mm/min	200-3000mm/min
PLASMA CUTTING UNIT/SOURCE	45-400amps			
INPUT SUPPLY-MACHINE	230V SINGLE PHASE OR 3PHASE 415V, 50 Hz. DEPENDING UPON DRIVE SUPPLY.			
INPUT SUPPLY-PLASMA SOURCE	3PHASE, 415V, 50 Hz.			



OPERATOR CONSOLE

Free Standing operator Console houses Servo drives, CNC Module with optional Air Conditioner



SMART FEATURES



PIPE SUPPORT

The machine is equipped with adjustable pipe support to accommodate various pipe diameter. Hardened rollers increases reliability.



LINEAR GUIDEWAYS & CARRIAGE

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



PIPE CLAMPING

The machine is equipped with 3 Jaw self centering Chuck. This ensures accurate clamping during cutting



CAD / CAM 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

BALAJI AUTOTECH PVT. LTD.,

Plot No. 23, Road No. 5, 3rd Phase
Koogally Industrial Area, Mysuru - 570 018, India
Ph. : 0821-2403906, Mobile : 9449861404
E-mail : sales@balajiautotech.com
www.balajiautotech.com

