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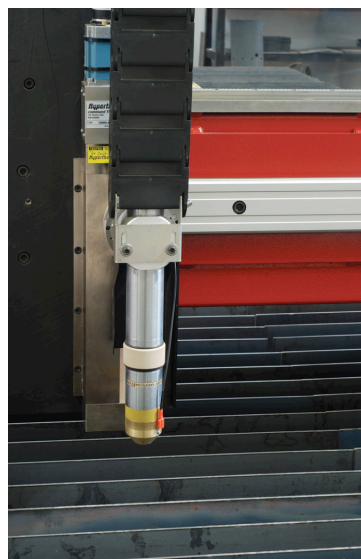
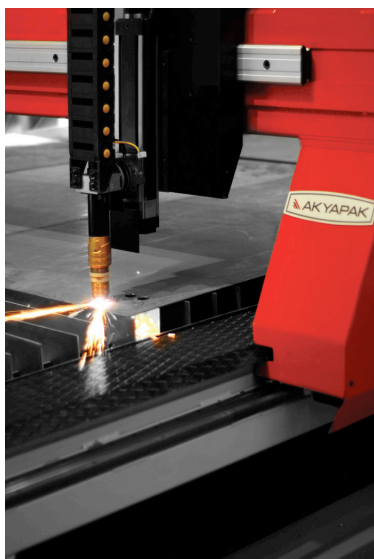
AKBEND

PLASMA CUTTING MACHINE



PLASMA-OXY CUTTING TECHNOLOGY

APM Plasma available in 2000 x 4000mm TO 6000mm x 36000mm working sizes



Hypertherm HPR-130 (AMERICA-USA)



Filter



Hypertherm Command THC



MSX 750-CAP



Inova

PLASMA POWER SOURCE

HYPERTHERM HPR-260 (AMERICA)

Virtually Dress-free production cutting capacity (M.S.): 32mm
Maximum Piercing Capacity (M.S.): 32mm
Maximum Cutting Capacity - Edge Start (M.S.) 64mm

HYPERTERM HPR-130 (AMERICA)

Virtually Dress-free production cutting capacity (M.S.): 16mm
Maximum Piercing Capacity (M.S.): 25mm
Maximum Cutting Capacity - Edge Start (M.S.) 38mm

PLASMA GASES: O₂, N₂, F₅, H₃₅, AIR

SWIRL GASES: N₂, O₂, AIR

GAS PRESSURE: 8,3 BAR Manual Gas Console
8 Bar Automatic Gas Console

KJELLBERG HI FOCUS 130 (GERMANY)

Maximum Piercing Capacity (M.S.): 25mm
Maximum Cutting Capacity - Edge Start (M.S.): 40mm
PLASMA GASES: O₂, N₂, ARGON, AIR
SWIRL GASES: N₂, O₂, AIR

HYPERTHERM AUTOMATIC GAS CONSOLE (AMERICA)

Automatic Gas Console and display and control gas flow and pressure. Automatic Gas Console provides fast transition from one cutting to other or from cutting to marking.

HYPERTHERM ISO 9001:2000 Certified

HYPERTHERM's All system warranty is 1 Year for the torch and 2 Year for the whole system parts.

HYPERTHERM can work between 10 & 40 C in plant conditions with 100% work loop.

FILTER

Aimed to filter the dust and emissions occurred in cutting process. With long lifetime special panel type filters have high (99.99%) efficiency.

FILTER LIFETIME IS APPROXIMATELY 20,000 HOURS.

Special type panel filters are cleaned automatically with Air Jet.

Noice Level is 68Db (A)

With an advanced control card if you need filter control unit can be installed on Plasma Machines Controller Panel.



HYPERTHERM MICROEDGE CNC CONTROLLER (AMERICA)

- * Operating System: Microsoft Windows XP ® - Embedded
- * Processor: Intel 2.4 GHz or greater
- * Touchscreen: LCD Control PNC (15" / 19")
- * Memory: 256MR RAM
- * HD: 40.0GB, HD or greater
- * Communications: 1x RS232; programmable to 230K baud using
- * Hypertherm: Automation's communications software
- * Floppy Drive: 1.44 Megabyte Floppy Drive
- * CD-ROM/DVD Drive: Standard
- * RFI/EMI Shielding: Machine side Opto-Isolation: grounding I/O 24 Lines of user definable Interface signal (12 in / 12 out)
- * Supportable Axes: Standard 2; optional expansion up to 4 axes
- * Optional: SERCOS interface of expandable axis, I/O and analog inputs
- * Mboard Interface: PS2 keyboard & mouse**; 5-USB 2.0; parallel port
- * Optional Networking: On-board RJ-45 10/100 base-t ethernet port
- * Dimensions: 9.35" H; 14.38" W; 20.00" D
- * Weight: 35 lbs (16Kg)
- * Operating Environment: 0 to 50C; 95% relative humidity (non-condensing); on-board voltage
- * Power: Universal Input

MICROEDGE iCNC SOFTWARE

PARAMETRIC MACRO SHAPES
DIRECT CAD-DXF INPUT
DXF, EIA, ESSI INPUT

HYPERTHERM TORCH HEIGHT CONTROL (COMMAND THC)

High Torque Motor allows 25 KG load capacity
203mm Active Stroke
5-m/min maximum Z axis travel speed
Positioning resolution 0.025mm
Moving mechanical parts are protected from the environment by a teflon coated fiberglass sealing brand and a mechanized shield moving parts are dry lubricated; No oil lubrication is required.

OXY-FUEL TORCH (IHT-GERMANY)

- * MSX 750 distance control system in oxy-fuel machines without touching to the surface gives certain and very fast solution.
- * Height control unit is consisted of capacitive sensor system and motor control system.
- * The ring electrodes measures the distance to the workpiece.
- * High clearance control accuracy (+/- 0.3mm)
- * Remote control is possible for adjustment of distance and piece height.
- * 80mm/s high speed control
- * 12 kg. maximum load capacity
- * Vertical collision protection
- * In case of the ring electrode torches the workpiece for the protection of the torch collision protection system ensures it to move upwards.
- * Torch carrier is durable for the dust and no need for maintenance.
- * Simple, time-saving installation.