

Marking Solution

ANY SURFACE
ANY MATERIAL

STANDALONE MARKING MACHINE – CONCENTRATED POWER FOR DEEP MARKING**XASD200-110**

There are times the need for direct part marking is not possible due to the size or orientation of the part to be marked by traditional marking systems.

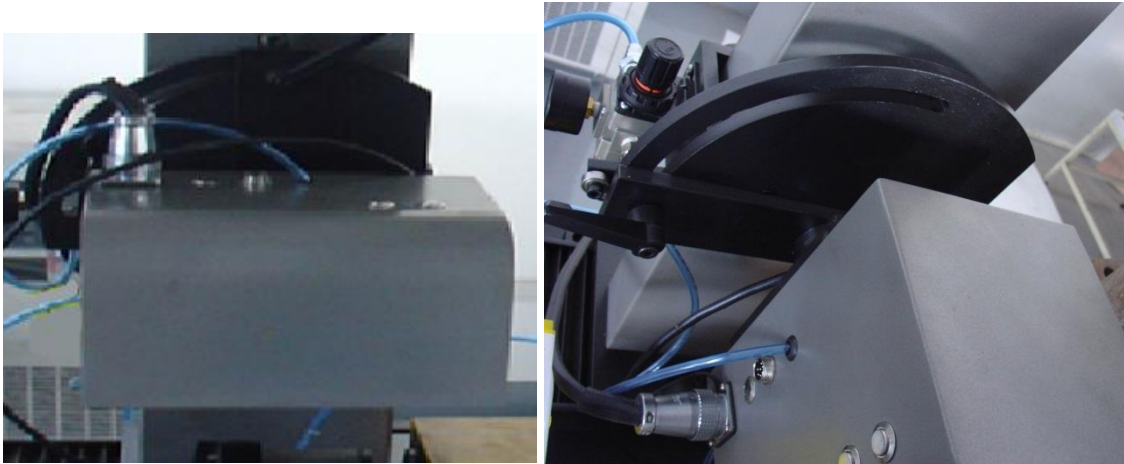
Mark or engrave on heavy steel Structure, Vessels, Boilers, Flanges, Pipes, Pipe fittings, Cones, Elbows and Oil & Gas related fabrication to any heavy jobs with metal hardness varying mild steel, carbon steel and stainless steel.

These machines are available with rotary fixture where the rotary will control on 360 degree marking and marking head can be adjustable in Z-axis. (Height adjustment based on the material shape)

- Low-stress marking.
- Automatic serialization and date coding.
- Marking speeds up to 30 characters per second, depending upon the character size.
- Deep marking: Up to 1 mm and programmable character size and depth.



- XASD200-110 is a patent model which is mostly for big and heavy metal work piece circumference marking. For example: stainless steel flange, carbon steel flange, alloys steel flange, forged ring, pipe, pipe fittings.
- XASD200-110 (with double rotary fixture) marking model support flat marking and rotary marking :
- For the flat marking , it support all the work piece flat marking which could move under the marking head ,no limited Marking head – which could turn 90 degree, used for flat marking and rotary marking transfer



- For the OD125mm rotary fixture, It support OD10MM-OD125MM (Inner OD) work piece rotary marking (weight under 10kg)



- For the OD380MM rotary fixture , it support OD150MM-OD650MM (Inner OD) work piece rotary marking (weight under 110kg)



The above chuck has three adjustable moves (above picture). This three can be adjusted simultaneously by single screw adjustment.

The marking column could move left and right, to right for OD150MM –OD850MM (Out diameter of work piece) marking



PERFORMANCE:

- Marking contents: all kinds of logo (characters, Alphanumeric, date, numbers, serial NO, VIN codes, graph, etc.) on any metal or non-metal material.
- Support both plane marking (curve or any angle) and circumference marking (360 degree)
- Support flat or regular convex surface marking.
- Support “line” and “dot” marking.

FUNCTIONS:

- Support WINDOWS98/ME/XP.
- Support multi-kinds font.
- Support linear, angular, radial, indignation, inverted, mirrored marking.
- All the logo size could changeable as will.
- Marking speed is changeable as will.
- Protect VIN code exactness automatically.
- Support .MVG format graph from CAD, CORLEDRAW.
- ALL marking content could be saved as .xls format file.
- Simple graph could draw directly by our marking software.
- Support series No marking one by one automatically.

SPECIFICATION:

| | |
|-----------------------------------|--|
| Marking speed | 30-40MM/S |
| Hitting frequency | 300HZ |
| Marking depth | 0.1-1mm(according to the workpiece material) |
| Marking accuracy | 0.02mm |
| Marking scope | 110*80mm (customization any marking area)/360degreen |
| Pinhead hardness | HRA92 |
| Workpiece hardness allowed | ≤HRC62 |
| Inputting air pressure | 0.3-0.6MPA |
| Voltage | AC220V±10%, 50Hz |
| Working Temperature | 0°C-40°C |
| Relative humidity | ≤90% |

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