IRONWORKER MACHINE
MX340G

than 40 years manufacturing industrial machinery
IRONWORKER MACHINE
Multifunctional Punching machine MX340G NARGESA, 40 tons and MX700 NARGESA 70 tons. Their gooseneck, displacement and wide working table make both of them a very versatile tooling: they punch, fold, cut, inlay, etc...

GET A QUOTE
Please complete the following form. We’ll contact you in less than 24 hours.
Business days

HOW IT WORKS VIDEO
Video on how the machine works

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**MX340G**

- Hydraulic power: 40 Tn.
- Working speed: 7,1 mm/sec.
- Return speed: 9,3 mm/sec.
- Punch displacement: 100 mm.
- Neck: 180 mm.
- Table Dimensions 245x265 mm.
- Swinging front safety protection.
- Activation with safety pedal.
- Digital display.
- Parts and strokes counter.
- Alarm diagnose.
- Motor power: 2,2 KW/ 3 HP.

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**MX700**

- Hydraulic power: 70 Tn.
- Working speed: 9 mm/sec.
- Return speed: 14 mm/sec.
- Punch displacement: 160 mm.
- Neck: 350 mm.
- Table dimensions 600x350 mm.
- Swinging front safety protection.
- Activation with safety pedal.
- Digital display.
- Parts and strokes counter.
- Alarm diagnose.
- Motor power: 5,5 KW/ 7,5 HP.
TECHNICAL FEATURES

All purpose ironworker machine MX340G NARGESA more than 40 tons. Its neck, displacement and wide working table turn it into a very versatile tooling: It pierces, folds, cuts, inlays, etc...

> Hydraulic power: 40 Tn.
> Working speed: 7,1 mm/sec.
> Return speed: 9,3 mm/sec.
> Punch displacement: 100 mm.
> Neck: 180 mm.
> Table Dimensions 245x265 mm.
> Swinging front safety protection.
> Activation with safety pedal.
> Digital display.
> Parts and strokes counter.
> Alarm diagnose.
> Motor power: 2,2 KW/3 HP.
> Tension 3 phase: 230/400 V.
> For other tensions or single-phased machines ask the manufacturer.

PUNCHING:
> All kinds of punches can be supplied: round ones, square, oval, locks punches. Punching can be also made in a pipe.

OTHER APPLICATIONS:
> There are a lot more applications for it. More than 40 standard tooling to make different jobs.

NO STANDARD APPLICATIONS:
> If the customer requires it we can manufacture under-request tooling to make all kinds of parts.

ADVANTAGES:
> It is different from the rest of the other multifunctional universal punching machines because of its 180mm gooseneck, 100mm displacement and wide working table that allows to fit any kind of tooling.
> Many of our customers make their own tooling.
> Fast change of tooling, Max. 30 seconds.
> Displacement adjustment allows an increase on productivity.
> There is no maximum dimension for punching.

*All or products are manufactured in our facilities in Spain. The hydraulic and electrical components are all standard from the best leading European trademarks, with technical assistance all over the world: Rexroth, Bosch, Roquet, Schneider Electric, LG, Telemecanique, Pizzato etc...
• Tariff Item Code: 84624990
• Lower bench palletized to easily transport the machine to the workplace or store it in case of lacking space.
• The machine is shipped fully assembled.
• Pallet made of steel and 3 layer cardboard box suitable for seafreight.
• Optional: Fumigated wooden box NIMF15.

PACKAGING CHARACTERISTICS

<table>
<thead>
<tr>
<th>OUTSIDE DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
</tr>
<tr>
<td>Depth</td>
</tr>
<tr>
<td>Height</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>Net Weight</td>
</tr>
<tr>
<td>Gross Weight</td>
</tr>
</tbody>
</table>
INCLUDED ACCESSORIES FOR SECTION BENDING MACHINE

Fitting nut for punches and base holder for dies

> All nargesa hydraulic punching machines are equipped with the punching tool that includes the fitting nut for punches and the base holder for dies. The rest of accessories are optional, which means each customer equips his machine as desired.

OPTIONAL TOOLING

Round punches and dies, square punches, oval punches, rectangular,

> In nargesa we have a wide catalogue of punches and dies of all kinds. If the size the customer needs is not in the list, we can make it.

In the PDF file you could see all the sizes we have.
Stripper tooling 90° adjustable 100x100

REF: 140-02-01-00005

> Sheet stripping tooling, angle, etc.
> Adjustable up to 100x100mm to 90° fix.

Max. Cutting capacity: 100x100x4mm.
Weight: 35 kg.

Optional tooling.

Ventilation grill tooling

REF: 140-02-01-00010

> Tooling to make ventilation grill in metal sheet. With adjustable punching operations since they're made one by one.

Optional tooling.

<table>
<thead>
<tr>
<th>Punching sizes</th>
<th>Max. Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100x20mm</td>
<td>2mm</td>
<td>20 Kg.</td>
</tr>
</tbody>
</table>

Folding tooling 100mm.

REF: 140-02-01-00003

> Tooling to fold steel sheet and flat bar up to 100mm. Punch 88°.
> Die with 56mm and 26mm v's.

Optional tooling.

<table>
<thead>
<tr>
<th>Max. Folding length</th>
<th>Max. Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100mm</td>
<td>8 to 12mm</td>
<td>8 Kg.</td>
</tr>
</tbody>
</table>
Folding tooling 170mm.

REF: 140-02-01-00004

> Tooling to fold steel sheet and flat bar up to 170mm. Punch 88°.
> Die with 56mm and V 26mm V’s.

Optional tooling.

<table>
<thead>
<tr>
<th>Max. Folding length</th>
<th>Max. Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>170mm</td>
<td>8 to 12mm</td>
<td>12 Kg.</td>
</tr>
</tbody>
</table>

Flat bar cutting tooling 100x10mm.

REF: 140-02-01-00002

> Tooling to cut metal sheet or flat bar from 0.8mm up to 10mm thickness.

Max. Cutting capacity: 100x10mm.
Weight: 28 kg.

Optional tooling.

Tooling to round off corners

> Tooling to round off the corners in metals sheets of different radius.

In the PDF file you will be able to see all kinds we have.
Flattening extractor

REF: 140-02-01-00039

> Extractor that acts like flattening flat bars while punching so they cannot be distorted during that process.

Max. Thickness for flat bar or solid bar: 15mm.
Weight: 15 kg.

Optional tooling.

Angle cutting tooling

REF: 140-02-01-00001

> Tooling to cut angle to 90° and 45°.

Optional tooling.

<table>
<thead>
<tr>
<th>Max straight cutting capacity</th>
<th>Max. Mitre cutting capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>60x60mm</td>
<td>50x50</td>
<td>32 Kg.</td>
</tr>
</tbody>
</table>

Arrow tooling for metal sheet

REF: 140-02-01-00006

> Tooling to punch steel sheet in arrow shape for fencing.

Max. Sheet thickness: 3mm.
Weight: 21 kg.

Optional tooling.
Arrows tooling for pipes

REF: 140-02-01-00007

> Tooling to flatten and cut pipe in arrow shape. Suitable to different diameters.

*Optional Tooling.*

<table>
<thead>
<tr>
<th>Max. Pipe diameter</th>
<th>Min. Pipe diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>30x2mm</td>
<td>10x2mm</td>
<td>19 Kg.</td>
</tr>
</tbody>
</table>

Round bar cutting tooling

REF: 140-02-01-00035

> Tooling to cut round solid bar from 3mm up to 35mm.

*Optional Tooling.*

<table>
<thead>
<tr>
<th>Max. Cutting diameter</th>
<th>Min. Cutting diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>35mm</td>
<td>3mm</td>
<td>15 Kg.</td>
</tr>
</tbody>
</table>

Punch and die for locks

REF: 140-02-01-00036

> Punch and die to make locks holes in metal sheet.

> Necessary complements: cab60 and tap40.

Max. Thickness: 6mm
Weight: 1 kg

*Optional tooling.*
Pipe ends fencing tooling

REF: 140-02-01-00040

- Tooling to flatten and punch the extreme of pipes for fencing.
- Admits different pipes diameters.
- The hole size is exchangeable.

Optional tooling.

<table>
<thead>
<tr>
<th>Max. Pipe diameter</th>
<th>Min. Pipe diameter</th>
<th>Hole diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>50mm</td>
<td>10mm</td>
<td>Changeable</td>
<td>23 Kg.</td>
</tr>
</tbody>
</table>

Pipe notching tooling

- Pipe notching tooling from Ø16 to Ø60mm. It consists of cutting the extreme of a pipe so it can be joined to another one perpendicularly.

In the PDF file you will be able to see all kinds and sizes we have.

Flat bar round end tooling

- Tooling to make all kinds of flat bars with round ends, with or without hole, straight, round...
  Very used as handles, stands, etc...

- Starting from a metal strip, a piece with the desired length comes out of it with every stroke.

In the PDF file you will see all kinds of shapes and sizes we have.
Tooling for punching angle and U profile

REF: 140-02-01-00031

> Tooling to punch angles.

> Exchangeable punches and dies of different sizes.

Optional tooling.

<table>
<thead>
<tr>
<th>Max. Hole diameter</th>
<th>Min. Hole diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>28mm</td>
<td>2mm</td>
<td>9 Kg.</td>
</tr>
</tbody>
</table>

Set of cutting and shaping die holders for MX340G

REF: 140-02-01-00042

> Set of die holders to be adapted cutting and shaping tooling for decorative flower elements.

Pieces per set: 2
Weight: 58 kg

Optional tooling.

Flower cutting die D65 8 petals MX340G

REF: 140-02-01-00043

> Die for cutting 8 petals flower shaped metal sheet, d65mm.

> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042
For any other different designs, ask the manufacturer.

Optional tooling.

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2 - 3mm</td>
<td>10,5 Kg.</td>
</tr>
</tbody>
</table>
Flower inlaying tooling D65 8 petals MX340G

REF: 140-02-01-00044

> Die for moulding 8 petals flower shaped metal sheet, d65mm.
> For its use, it is required the die holder for cutting and shaping mx340G.

REF: 140-02-01-00042
REF: 140-02-01-00043
For any other different designs, ask the manufacturer.

Optional tooling.

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2 - 3mm</td>
<td>4,9 Kg.</td>
</tr>
</tbody>
</table>

Flower cutting die D85 5 petals MX340G

REF: 140-02-01-00045

> Die for cutting flower shaped metal sheet, 5 petals with diameter 85mm.
> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042
For any other different designs, ask the manufacturer.

Optional tooling.

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2mm</td>
<td>10,4 Kg.</td>
</tr>
</tbody>
</table>

Flower inlaying tool D85 5 petals MX340G

REF: 140-02-01-00046

> Tooling for moulding 5 petal flower shaped metal sheet, diameter 85mm.
> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042
REF: 140-02-01-00045
For any other different designs, ask the manufacturer.

Optional tooling.

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2mm</td>
<td>6,2 Kg.</td>
</tr>
</tbody>
</table>
Leaf cutting die 108x42 MX340G

REF: 140-02-01-00047

> Tooling for cutting leaf shaped 108x42mm.
> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042

For any other different designs, ask the manufacturer.

**Optional tooling.**

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2 - 3mm</td>
<td>10,2 Kg.</td>
</tr>
</tbody>
</table>

Flower inlaying tool 108x42 left MX340G

REF: 140-02-01-00048

> Tooling for moulding 108x42mm leaf shaped metal sheet, left.
> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042

REF: 140-02-01-00047

For any other different designs, ask the manufacturer.

**Optional tooling.**

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2 - 3mm</td>
<td>6,2 Kg.</td>
</tr>
</tbody>
</table>

Leaf inlaying tool 108x42 right MX340G

REF: 140-02-01-00049

> Tooling for moulding 108x42mm leaf shaped metal sheet, right.
> For its use, it is required the die holder for cutting and shaping MX340G.

REF: 140-02-01-00042 and cutting die

REF: 140-02-01-00047

For any other different designs, ask the manufacturer.

**Optional tooling.**

<table>
<thead>
<tr>
<th>Pieces per set</th>
<th>Thickness</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1 - 1,5 - 2 - 3mm</td>
<td>6,2 Kg.</td>
</tr>
</tbody>
</table>
OUR RANGE
OF MACHINERY

- **Iron Workers**
- **Section Bending Machines**
- **Non-Mandrel Pipe Bender**
- **Horizontal Press Brakes**
- **Twisting/Scroll Bending Machines**
- **Hydraulic Press Brakes**
- **Hydraulic Shear Machines**
- **Gas Forges**
- **Iron Embossing Machines**
- **End Wrought Iron Machines**
- **Broaching Machines**
- **Power Hammers**
- **Presses for Locks**
WARRANTY
Nargesa machines have 3 years warranty provided that the customer registers it in our website. Otherwise it would be only one year warranty. This one encloses any manufacturing default all along these 3 years for components. Any misuse is excluded from this condition. Labor, back and forth shipping and any eventual repair, are not included in this warranty.

Partner companies.

SHIPMENT EVERYWHERE
Nargesa will arrange transport up to final destination, whenever the customers asks for so. There is also the possibility for the customer to arrange the shipment himself with his own agency.

TECHNICAL ASSISTANCE
All our customers have access to technical support quickly and efficiently. 90% of incidences are solved out on the phone, mail, Skype or video conferencing in less than 24 hours. In case of needing presencial technical assistance, we may as well send a technician to the customer’s facilities.