



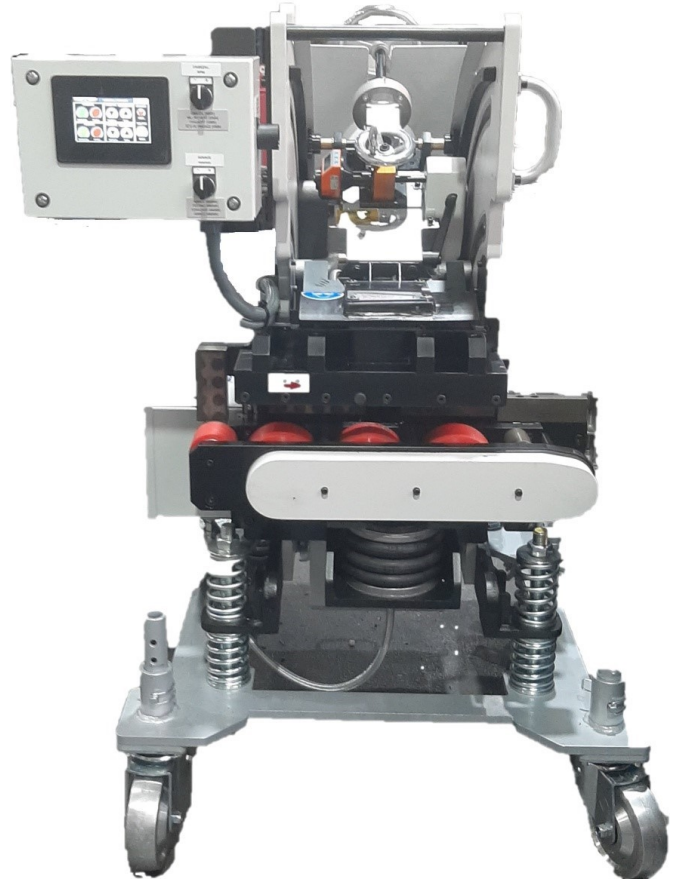
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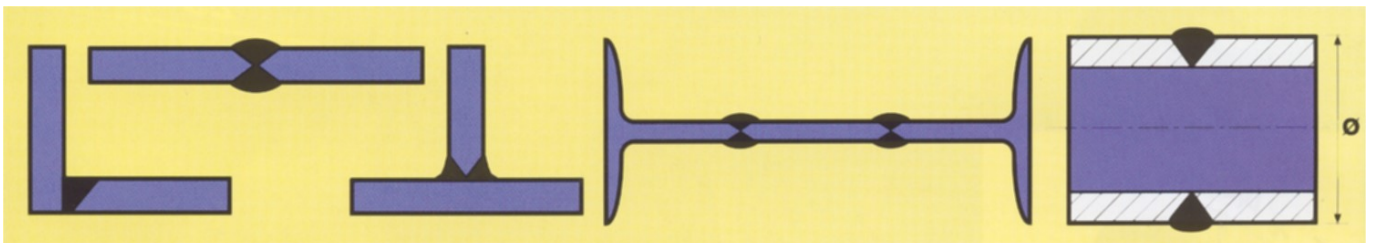
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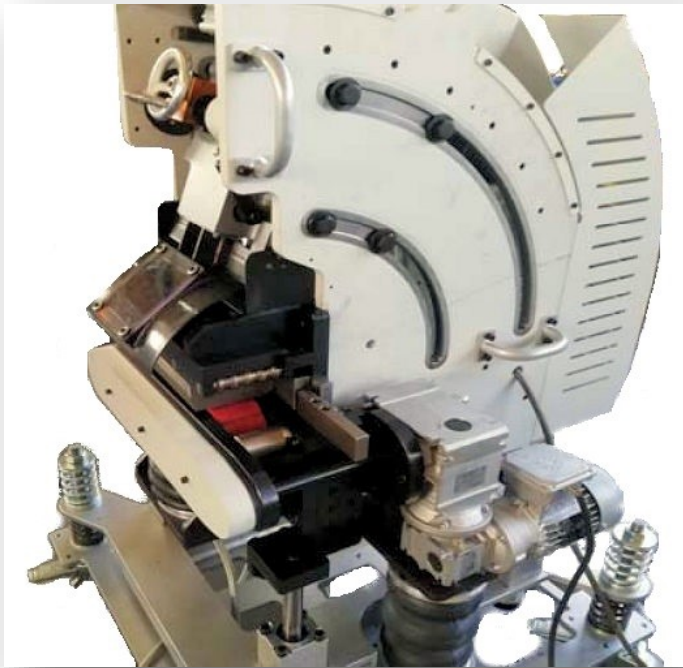
Sheet beveling machine CHP-30-G



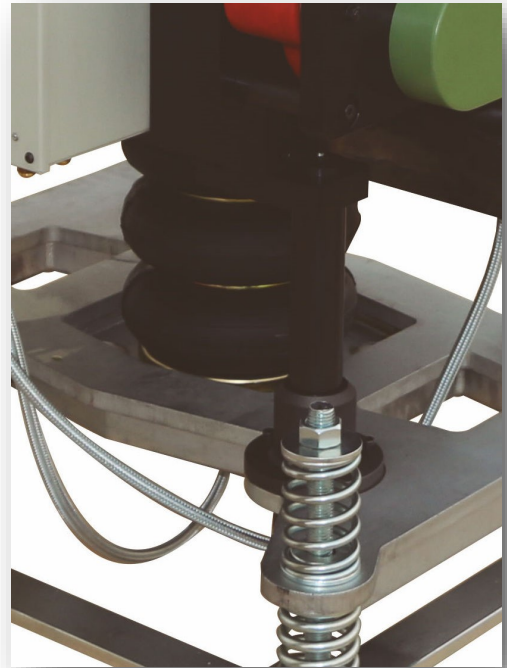
CHP-30 G

- Beveling with AUTO-feeding of the plate or along the plate.
- Maximum beveling length of 35 mm.
- Sheet thickness 5 -50 mm.
- Angular position 15° till 70° adjustable.
- Working height variable.
- Mills the bevel with carbide inserts.





Small sheet pieces can be inserted manually.



Spring carriage standard delivered.

Sheet beveling machine CHP-30G

The MILLING machine for sheetplates/strips model CHP-30G mills with carbide inserts a bevel to a plate (or plate piece). The milling tool rotates with appr. 550 r.p.m. and has a separate drive for the feed of the material or transport of the machine along the sheet. The milling tool is dia. 50 mm. with 5 inserts.

Technical details

- Beveling angle : 15° till 70° stepless adjustable.
 - Feeding speed : 180 - 670 mm. per minute, depending on material.
 - Sheet thickness : 5 upto 50 mm.
 - Maximal beveling length : 35 mm. in more passes.
 - Minimal sheet width : 80 mm.
 - Weight : 590 kg.
 - Motor : 380V.- 50Hz.
 - Height adjustment : By hand in 4 stages / pneumatic driven option.
- Further electrically equipped in conformity with CE standard.

| GRADOS ANGLES WINKEL ANGLES | 1ª PASADA 1 ST RUN 1. DURCHLAUF 1. PASSAGE | | 2ª PASADA 2 ND RUN 2. DURCHLAUF 2. PASSAGE | | 3ª PASADA 3 RD RUN 3. DURCHLAUF 3. PASSAGE | |
|--------------------------------------|--|-----------|--|---------|--|----|
| | A | B | A | B | A | B |
| | 15° | 6,5 (6,5) | 25 | 2,5 (9) | 35 | |
| 20° | 7 (7) | 21 | 4 (11) | 32 | | |
| 25° | 7,5 (7,5) | 18 | 4 (11,5) | 27 | 1,5 (13) | 31 |
| 30° | 8 (8) | 16 | 5 (13) | 26 | 2 (15) | 30 |
| 35° | | 14 | 5 (13) | 23 | 3 (16) | 28 |
| 37,5° | | 13 | 5 (13) | 21 | 3 (16) | 26 |
| 40° | | 13 | 5 (13) | 20 | 3 (16) | 25 |
| 45° | | 11 | 5 (13) | 18 | 3 (16) | 23 |
| 50° | | 10 | 5 (13) | 17 | 3 (16) | 21 |
| 55° | | 10 | 5 (13) | 16 | 3 (16) | 20 |
| 60° | | 9 | 5 (13) | 15 | 2 (15) | 17 |
| 70° | 9 | 3 (11) | 12 | | | |

Table for
CARBONsteel
and low
alloyed steel
quality upto 80
kgs / mm²

PARTIAL PENETRATION (TOTAL PENETRATION) A



BEVEL DEPTH B

B

$$A=B \cdot \sin \alpha$$

| α | sin | α | sin | α | sin |
|-----|------|-------|------|-----|------|
| 15° | 0,26 | 35° | 0,57 | 50° | 0,77 |
| 20° | 0,34 | 37,5° | 0,61 | 55° | 0,82 |
| 25° | 0,42 | 40° | 0,64 | 60° | 0,87 |
| 30° | 0,50 | 45° | 0,71 | 70° | 0,94 |