

KEETONA HYDROFORM range of Folding Machines

STANDARD EQUIPMENT

All electrical motors and controls, ready to operate on 415 volts 3 phase 50 cycle supply. Top beam motors, all models with D.O.L. reversing starters. Folding beam motors: — with D.O.L. starter (Star Delta on heavier models). Segmented Top Beam Blade and a pair of Two edge Folding Beam Blades).

OPTIONAL EXTRAS

Hand Operated Back Gauge—For fine adjustment back gauging.

Swan-Neck Top Beam Blade—Segmented for forming deeper boxes and channels.

Narrow Forming Beam Blade— 5 sizes available for front or rear forming beams from 1/2" to 1" wide (12.5 to 25mm).

Radius Blades and Mandrels—Available from 1/8" to 2 3/4" radius (3 to 70mm).

Polyurethane Blocks—In 25" (630mm) lengths for Multiformings.

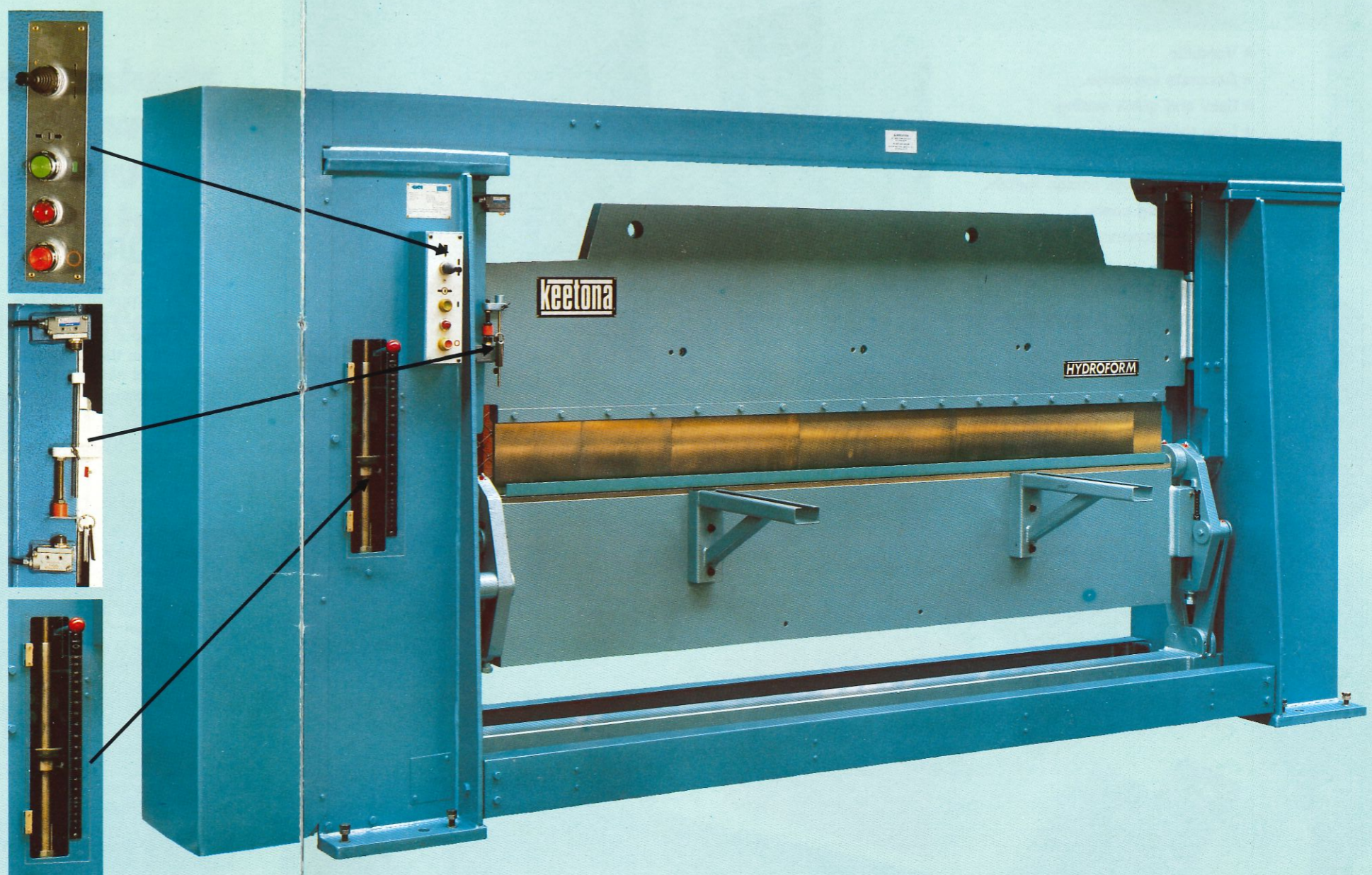
Dual Axis Microprocessor Control—All machines can be fitted with sequence bending control, for details see Hydroform SC-20 on front page.

CONTROLS—All controls are grouped at one end of the machine for ease and speed of operation.

GAUGING—An ingenious and fool proof method of setting the clamping beam for different material thickness simply involves placing a small piece of the actual material under a magnet to operate limit switch. This automatically stops the downward movement of the beam at precisely the correct clamping position.

Upward travel of the beam may also be limited to reduce unnecessary movement and cut down operating time.

ANGLE SETTING—The stroke of the two forming beams is adjustable thus the resultant angle between their top faces can be pre-set. This is done by moving a sliding collar along a scale calibrated in degrees and locking it in position with the knurled thumb screw provided.

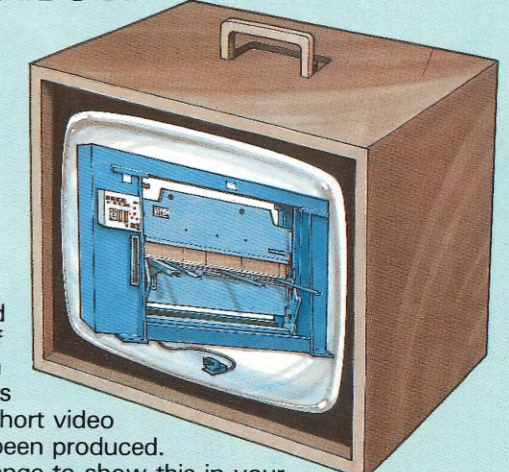


Specification
Standard for all models Maximum Top Beam Lift 8" (203mm)

Minimum Angle of Fold (using Standard Equipment) 40° Maximum Radius of Bend (using Mandrel Bars) 2 3/4" (70mm)

| Code | Folding Capacity using Standard Tooling — 28/32 TT Mild Steel (430/490N/mm ²) | | | Nett Weight | Floor Space (Operation) | Top Beam Motor (Direct-on-Line-Starting) | Folding Beam Motor (Direct-on-Line or Star Delta) |
|---------|--|------------------------------|-------------------------------|-------------------------|-------------------------------|--|---|
| KHFBII | 125" x 1/4" (3125 x 6.3mm) | 80" x 5/16" (2032 x 8mm) | 50" x 3/8" (1270 x 10mm) | 170cwt (8636kg) | 237" x 55" (6020 x 1397mm) | 2HP (1.5kW) | 15HP (11kW) |
| KHFBGK | 100" x 3/8" (2540 x 10mm) | 60" x 7/16" (1524 x 11mm) | 40" x 1/2" (1016 x 12.5mm) | 150cwt (7620kg) | 212" x 55" (5385 x 1397mm) | 2HP (1.5kW) | 15HP (11kW) |
| KHFBLF | 160" x 1/8" (4070 x 3mm) | 100" x 3/16" (2540 x 5mm) | 60" x 1/4" (1524 x 6.3mm) | 155cwt (7874kg) | 272" x 55" (6910 x 1397mm) | 2HP (1.5kW) | 15HP (11kW) |
| KHFBIIH | 125" x 3/16" (3125 x 5mm) | 80" x 1/4" (2032 x 6.3mm) | 50" x 5/16" (1270 x 8mm) | 126 1/2 cwt (6820kg) | 237" x 55" (6020 x 1397mm) | 2HP (1.5kW) | 15HP (11kW) |
| KHFBGI | 100" x 1/4" (2540 x 6.3mm) | 60" x 5/16" (1524 x 8mm) | 40" x 3/8" (1016 x 10mm) | 114cwt (6160kg) | 212" x 55" (5385 x 1397mm) | 2HP (1.5kW) | 15HP (11kW) |
| KHFBID | 125" x 14G (3125 x 2mm) | 80" x 1/8" (2032 x 3mm) | 50" x 3/16" (1270 x 5mm) | 76 1/4 cwt (3875kg) | 190" x 55" (4826 x 1397mm) | 2HP (1.5kW) | 7.5HP (5kW) |
| KHFBGF | 100" x 1/8" (2540 x 3mm) | 60" x 3/16" (1524 x 5mm) | 40" x 1/4" (1016 x 6.3mm) | 67 3/4 cwt (3442kg) | 165" x 55" (4191 x 1397) | 2HP (1.5kW) | 7.5HP (5kW) |
| KHFBEH | 80" x 3/16" (2032 x 5mm) | 50" x 1/4" (1270 x 6.3mm) | 30" x 5/16" (762 x 8mm) | 61cwt (3099kg) | 145" x 55" (3683 x 1397mm) | 2HP (1.5kW) | 7.5HP (5kW) |
| KHFBDI | 60" x 1/4" (1524 x 6.3mm) | 40" x 5/16" (1016 x 8mm) | 20" x 3/8" (508 x 10mm) | 55 1/4 cwt (2807kg) | 125" x 55" (3175 x 1397mm) | 2HP (1.5kW) | 7.5HP (5kW) |
| KHFBGD | 100" x 14G (2540 x 2mm) | 60" x 1/8" (1524 x 3mm) | 40" x 3/16" (1016 x 5mm) | 53cwt (2700kg) | 156" x 36" (3950 x 900mm) | 1HP (0.75kW) | 5.5HP (4kW) |

See the Hydroform in action



The most convenient way to appreciate the unique features and versatility of the Keetona Hydroform is to see the short video which has been produced. We can arrange to show this in your office, factory or home on our desk top video or cassette film projector