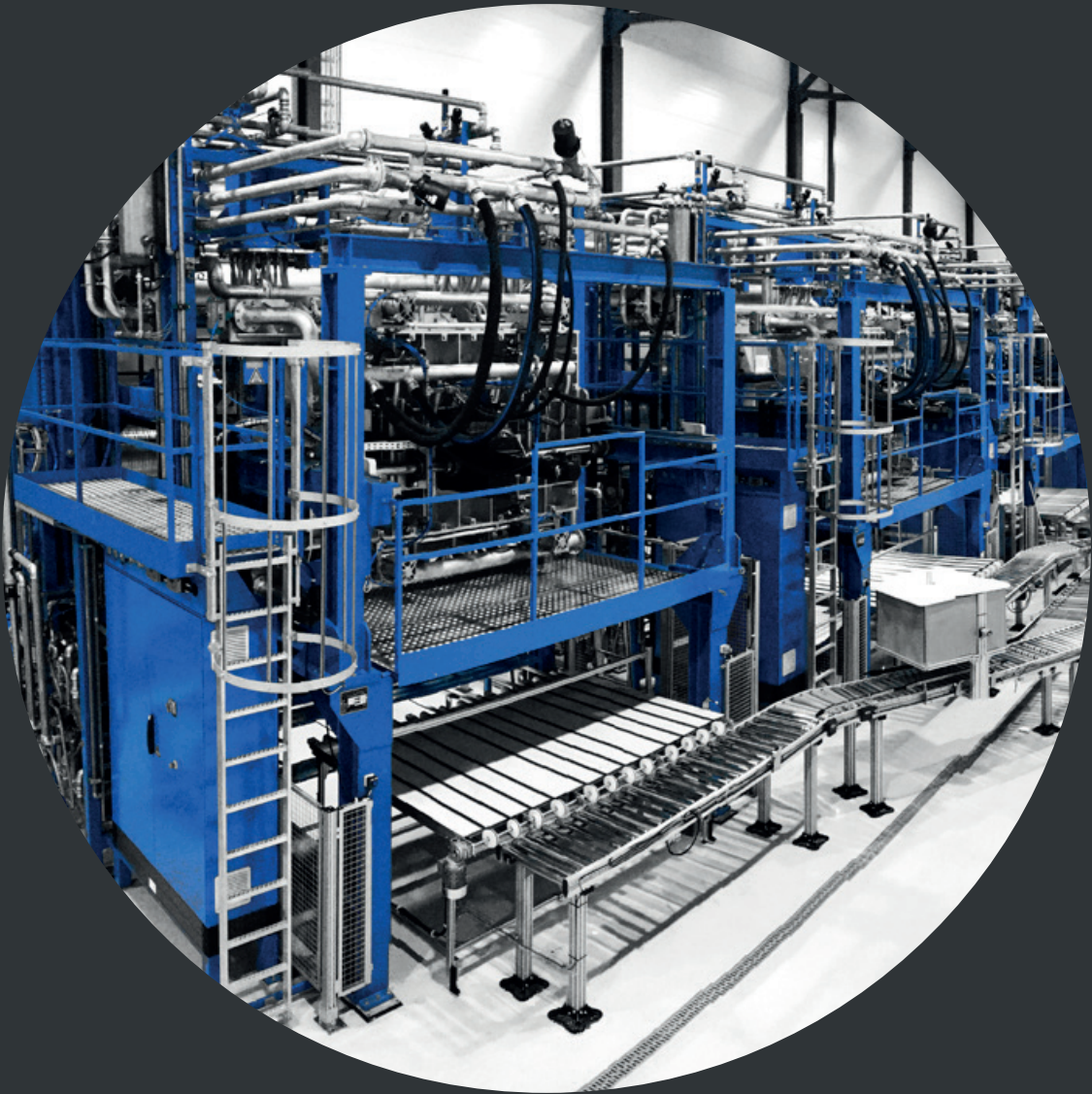
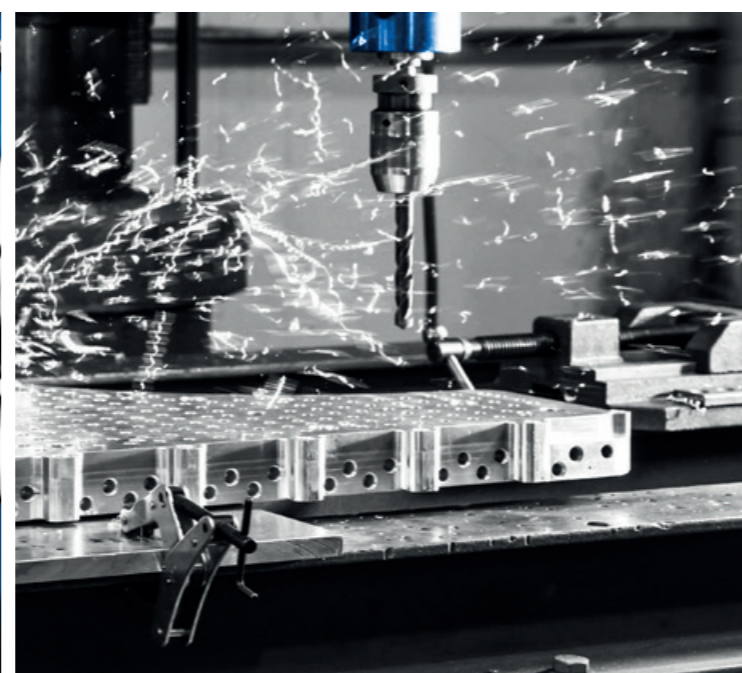


HIRSCH Technology



Shape-Molding Machines

HC / HT Series



HT8	04
HC 270 E-Drive	06
HC 140 E-Drive	08
HC 150 E-Drive	10
HC 200	12
HC 210	14

HT8

- IDEAL FOR**
- special applications
 - packaging parts with inserts and helmets

HT8

Features

Optimal working height / easy accessibility
No steam chamber required /
energy supply directly to the mold

Two independent cavities

Electronic steam and air regulation

Electric drive with spindle

Dual condenser with vacuum pump

Dual Density

12 l fill hopper

Automatically closing safety guard

Benefits

Highest operator friendliness

Energy savings

No cycle time loss due to parallel
production process

Energy savings

Environmental friendly

Highly efficient vacuum cooling

High diversification of products

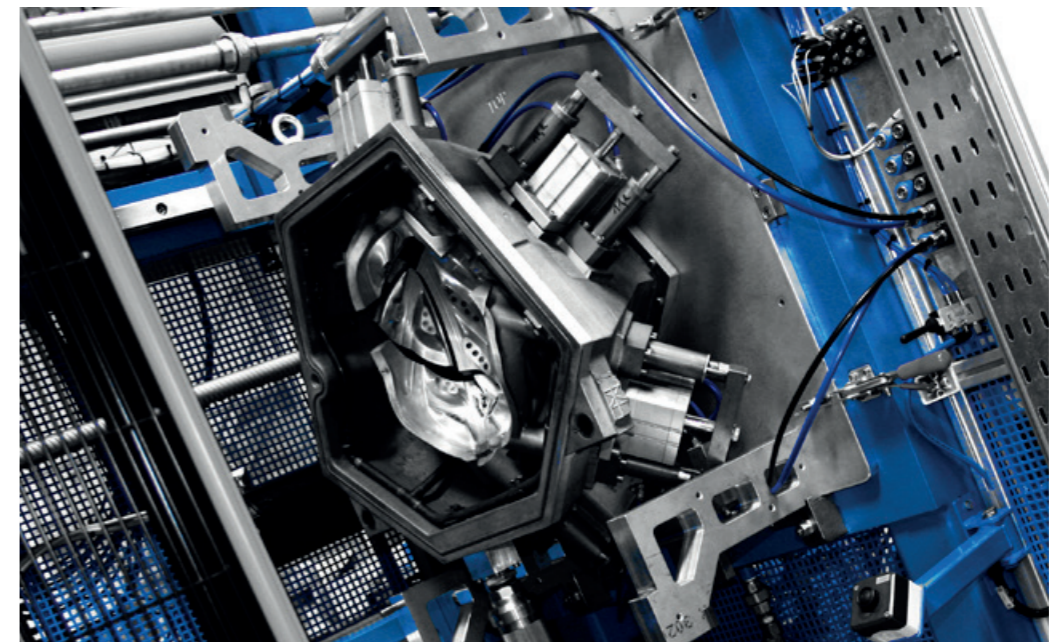
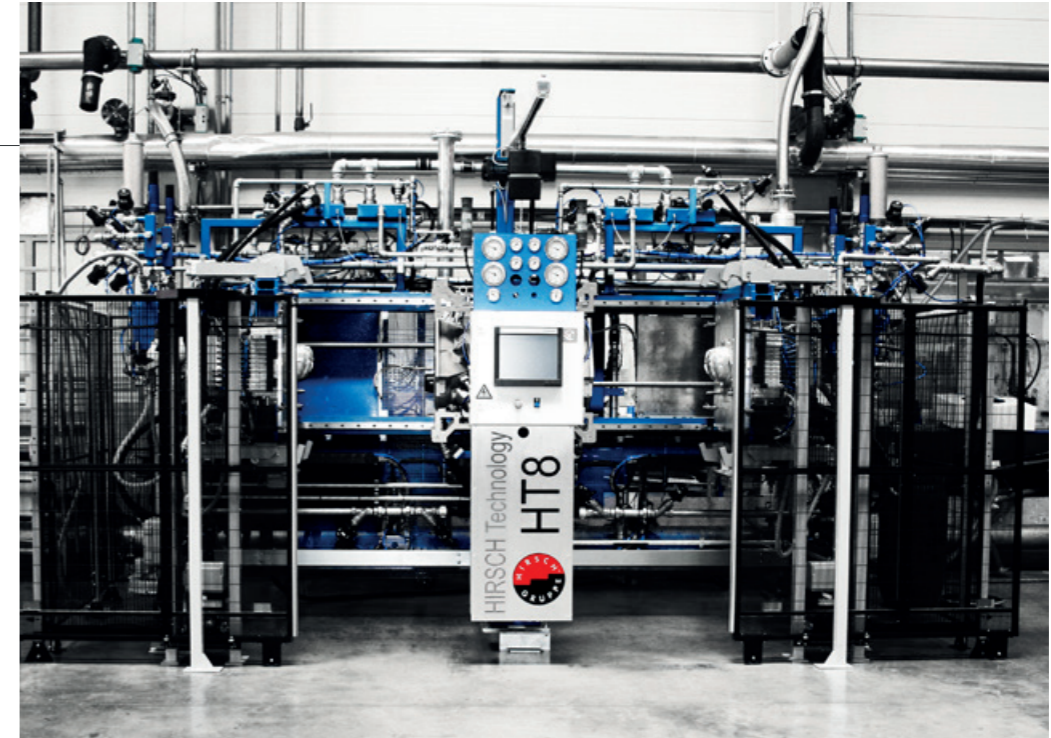
Low air consumption

Highest safety at work

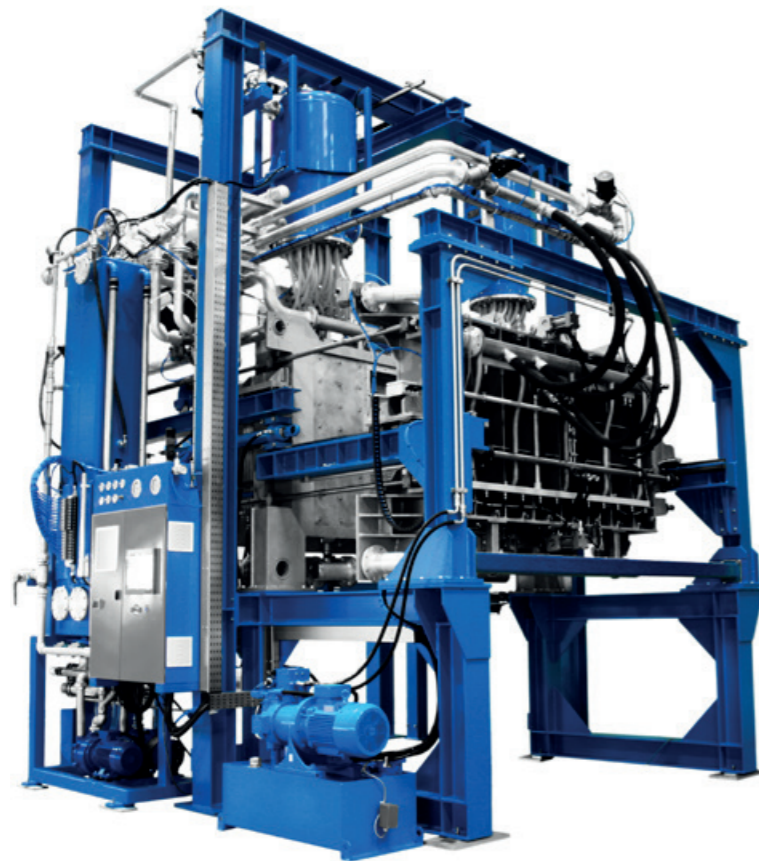
Technical Data

Mold mounting dimensions	800 x 800 mm	(31,5" x 31,5")
Max. part size (l x w x h)	300 x 230 x 170 mm	(12" x 9" x 6,7")
Machine dimensions (l x w x h)	5550 x 2800 x 3400 mm	(18'3" x 9'3" x 11'2")
Weight	4.800 kg	(10580 lb)

HT8



Features	Benefits
Electric driven system (no hydraulic)	Clean Fast movements Low maintenance costs Faster cycle time Precise position control (exact filling = material saving)
Power vacuum	Faster cycle time
Independent drive for ejectors	Faster cycle time
Independent spraying lines for mold cooling	Faster cooling time Less water consumption
Independent temperature monitoring for every cavity	Less water and air consumption by independent temperature settings Faster cycle time



IDEAL FOR

- cooler boxes (e.g. fish boxes)
- large insulation boards
- large packaging items (white goods packaging)
- anything moldable



Options

- Energy-sensor-package
- Mold mounting crane
- Pressure frames
- Double density
- E-Drive
- Automatic stacking
- Adapting frames

Technical data box

Cycle time	55 sec. for 9 boxes (60 sec. stacked)
Dimension of the box	800 x 400 x 200 mm
Density	22 g/l
Weight	500 g (dry)

HC 270 E-Drive

Technische Daten

Werkzeugaufspanfläche	2700 x 1500 mm
Max. Formteilgröße	2550 x 1350 x 500 mm
Zykluszeit	> 40 sek.
Schließhub	1350 mm
Größe der Maschine (L x B x H)	5400 x 5150 x 6350 mm
Gewicht der Maschine (netto)	18000 kg

Technical data

Mold mounting dimensions	106" x 59"
Max. part size	100" x 53" x 20"
Cycle time	> 40 sec.
Closing stroke	53"
Machine dimensions (l x w x h)	17'8" x 16'10" x 20'10"
Machine net weight	39683 lb

Données techniques

Surface d'ablocage des moules	2700 x 1500 mm
Dimensions max. des pièces	2550 x 1350 x 500 mm
Temps de cycle	> 40 sec.
Course de fermeture	1350 mm
Dimensions de la machine (l x l x h)	5400 x 5150 x 6350 mm
Poids net de la machine	18000 kg

Dati tecnici

Dimensioni piastra porta-stampi	2700 x 1500 mm
Dimensioni mass. pezzi	2550 x 1350 x 500 mm
Tempo di ciclo	> 40 sec.
Corsa di chiusura	1350 mm
Dimensioni macchina (lung. x larg. x alt.)	5400 x 5150 x 6350 mm
Peso netto macchina	18000 kg

Datos técnicos

Superficie de sujeción de moldes	2700 x 1500 mm
Dimensiones max. de las piezas	2550 x 1350 x 500 mm
Tiempo de ciclo	> 40 seg.
Recorrido de cierre	1350 mm
Dimensiones de la máquina (largo x ancho x alto)	5400 x 5150 x 6350 mm
Peso neto de la máquina	18000 kg

HC 140 E-Drive

Technische Daten

Werkzeugaufspanfläche	1490 x 1090 mm
Max. Formteilgröße	1400 x 1000 x 500 mm
Zykluszeit	> 30 sek. (EPS), > 80 sek. (EPP)
Schließhub	1350 mm
Größe der Maschine (L x B x H)	5650 x 3860 x 5100 mm
Gewicht der Maschine (netto)	13200 kg

Technical data

Mold mounting dimensions	58.7" x 42.9"
Max. part size	55.1" x 39.4" x 19.7"
Cycle time	> 30 sec. (EPS), > 80 sec. (EPP)
Closing stroke	53"
Machine dimensions (l x w x h)	18'6" x 12'8" x 16'9"
Machine net weight	13200 kg

Données techniques

Surface d'ablocage des moules	1490 x 1090 mm
Dimensions max. des pièces	1400 x 1000 x 500 mm
Temps de cycle	> 30 sec. (EPS), > 80 sec. (EPP)
Course de fermeture	1350 mm
Dimensions de la machine (l x l x h)	5650 x 3860 x 5100 mm
Poids net de la machine	13200 kg

Dati tecnici

Dimensioni piastra porta-stampi	1490 x 1090 mm
Dimensioni mass. pezzi	1400 x 1000 x 500 mm
Tempo di ciclo	> 30 sec. (EPS), > 80 sec. (EPP)
Corsa di chiusura	1350 mm
Dimensioni macchina (lung. x larg. x alt.)	5650 x 3860 x 5100 mm
Peso netto macchina	13200 kg

Datos técnicos

Superficie de sujeción de moldes	1490 x 1090 mm
Dimensiones max. de las piezas	1400 x 1000 x 500 mm
Tiempo de ciclo	> 30 seg. (EPS), > 80 seg. (EPP)
Recorrido de cierre	1350 mm
Dimensiones de la máquina (largo x ancho x alto)	5650 x 3860 x 5100 mm
Peso neto de la máquina	13200 kg

IDEAL FOR

- packaging parts
- food grade applications (E-Drive)
- hygienic production in the pharmaceutical industry
- all kinds of EPS and EPP products
- anything moldable



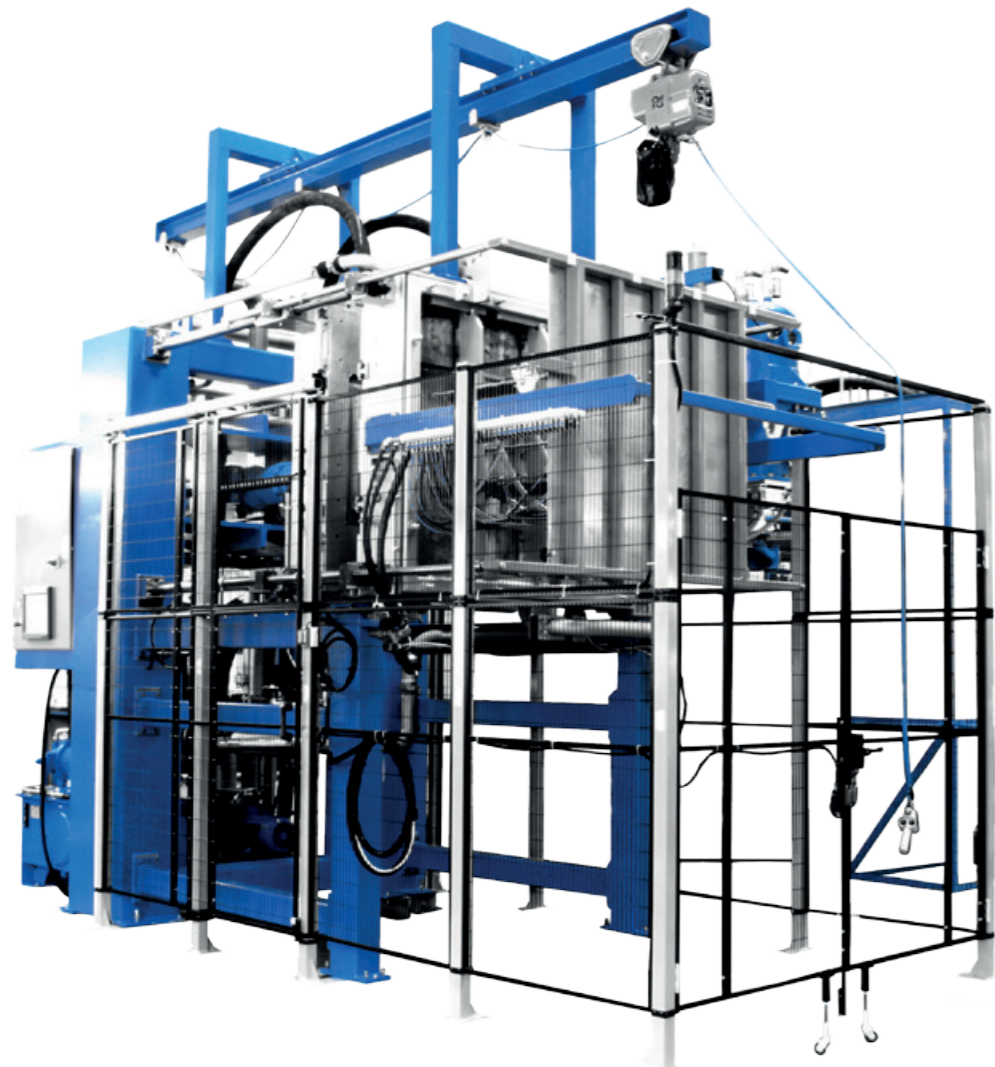
Options

- Energy-sensor-package
- Mold mounting crane
- Pressure frames
- Double density
- E-Drive
- Automatic stacking
- Adapting frames

HC 150 E-DRIVE

IDEAL FOR

- packaging parts
- cooler boxes
- anything moldable



Options

- Energy-sensor-package
- Mold mounting crane
- Double density
- E-Drive
- Automatic stacking
- Adapting frames

HC 150 E-DRIVE

HC 150 E-Drive

Technische Daten

Werkzeugaufspanfläche	1450 x 1360 mm
Max. Formteilgröße	1370 x 1280 x 500 mm
Zykluszeit	> 40 sek.
Schließhub	1220 mm
Größe der Maschine (L x B x H)	6100 x 3200 x 5300 mm
Gewicht der Maschine (netto)	9300 kg

Technical data

Mold mounting dimensions	57" x 54"
Max. part size	54" x 50" x 20"
Cycle time	> 40 sec.
Closing stroke	48"
Machine dimensions (l x w x h)	20' x 10'6" x 17'5"
Machine net weight	20500 lb

Données techniques

Surface d'ablocage des moules	1450 x 1360 mm
Dimensions max. des pièces	1370 x 1280 x 500 mm
Temps de cycle	> 40 sec.
Course de fermeture	1220 mm
Dimensions de la machine (l x l x h)	6100 x 3200 x 5300 mm
Poids net de la machine	9300 kg

Dati tecnici

Dimensioni piastra porta-stampi	1450 x 1360 mm
Dimensioni mass. pezzi	1370 x 1280 x 500 mm
Tempo di ciclo	> 40 sec.
Corsa di chiusura	1220 mm
Dimensioni macchina	6100 x 3200 x 5300 mm
Peso netto macchina	13200 kg

Datos técnicos

Superficie de sujeción de moldes	1450 x 1360 mm
Dimensiones max. de las piezas	1370 x 1280 x 500 mm
Tiempo de ciclo	> 40 seg.
Recorrido de cierre	1220 mm
Dimensiones de la máquina (largo x ancho x alto):	6100 x 3200 x 5300 mm
Peso neto de la máquina:	13200 kg

HC 200

Technische Daten

Werkzeugaufspannfläche	1210 x 710 mm pro Platte
Max. Formteilgröße	3 mal 1015 x 515 mm (Stärke 20 - 400 mm)
Min. Formteilgröße	3 mal 800 x 400 mm (Stärke 20 - 400 mm)
Zykluszeit	> 40 sek.
Schließhub	1350 mm
Größe der Maschine (L x B x H)	7600 x 4800 x 5600 mm
Gewicht der Maschine (netto)	18000 kg

Technical data

Mold mounting dimensions	47.6" x 28" per board
Max. part size	40" x 20.3" x three units (thickness 0.8" - 15.7")
Min. part size	31.5" x 15.7" x three units (thickness 0.8" - 15.7")
Cycle time	> 40 sec.
Closing stroke	53"
Machine dimensions (l x w x h)	24' 11" x 15'9" x 18'4"
Machine net weight	39683 lb

Données techniques

Surface d'ablocage des moules	1210 x 710 mm par plaque
Dimensions max. des pièces	3 unités 1015 x 515 mm (épaisseur 20 - 400 mm)
Dimensions min. des pièces	3 unités 800 x 400 mm (épaisseur 20 - 400 mm)
Temps de cycle	> 40 sec.
Course de fermeture	1350 mm
Dimensions de la machine (l x l x h)	7600 x 4800 x 5600 mm
Poids net de la machine	18000 kg

Dati tecnici

Dimensioni piastra porta-stampi	1210 x 710 mm per piastra
Dimensioni mass. pezzi	3 unità 1015 x 515 mm (spessore 20 - 400 mm)
Dimensioni min. pezzi	3 unità 800 x 400 mm (spessore 20 - 400 mm)
Tempo di ciclo	> 40 sec.
Corsa di chiusura	1350 mm
Dimensioni macchina (lung. x larg. x alt.)	7600 x 4800 x 5600 mm
Peso netto macchina	18000 kg

Datos técnicos

Superficie de sujeción de moldes	1210 x 710 mm por placa
Dimensiones max. de las piezas	3 unidades 1015 x 515 mm (espesor 20 - 400 mm)
Dimensiones min. de las piezas	3 unidades 800 x 400 mm (espesor 20 - 400 mm)
Tiempo de ciclo	> 40 seg.
Recorrido de cierre	1350 mm
Dimensiones de la máquina (largo x ancho x alto)	7600 x 4800 x 5600 mm
Peso neto de la máquina	18000 kg

IDEAL FOR

- perimeter or insulation boards with and without ship lap
- insulation boards with two or three different materials
- automatically adjustable wall-thickness

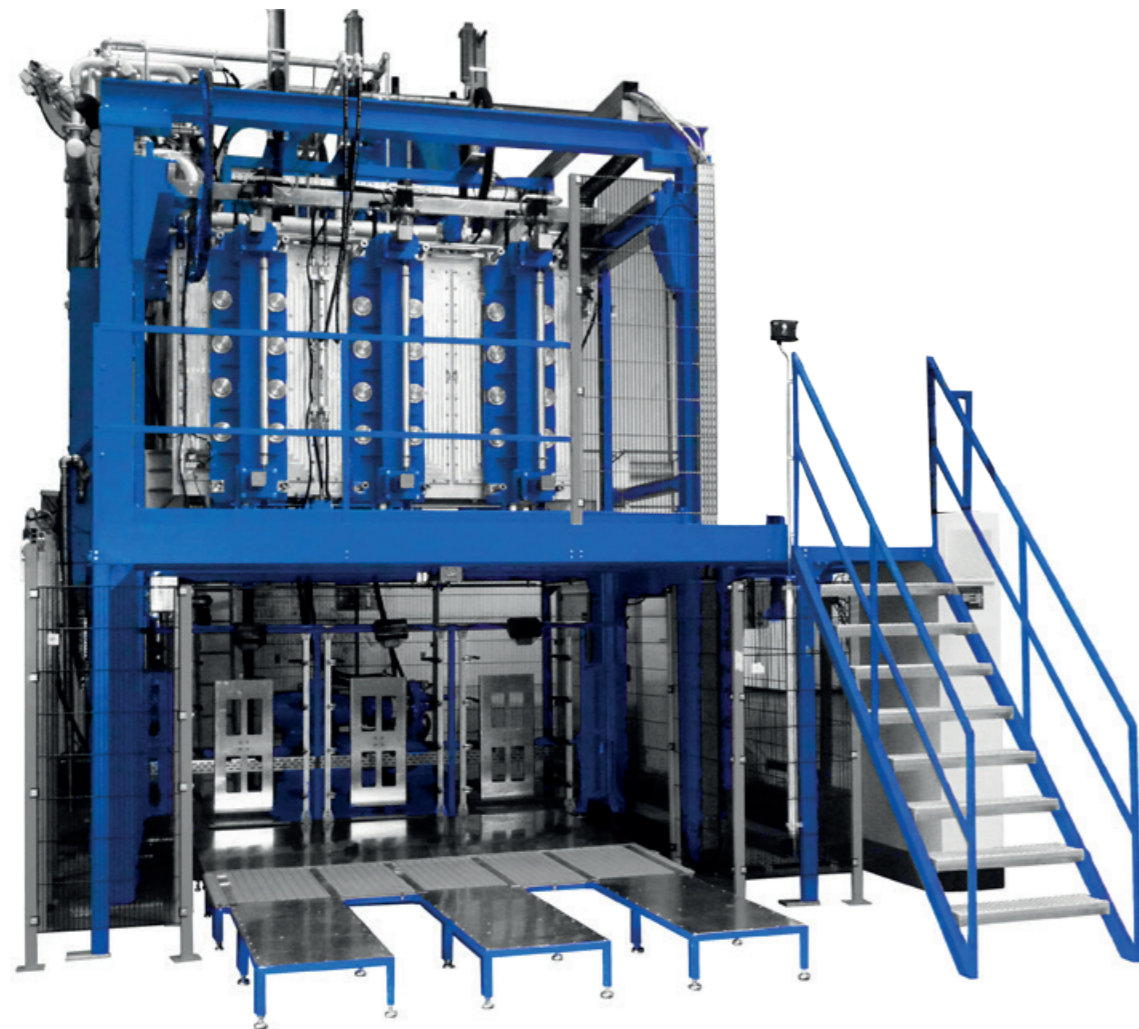


Options

- Energy-sensor-package
- Double density
- Automatic stacking

IDEAL FOR

- perimeter or insulation boards with and without ship lap
- insulation boards with two or three different materials and any other boards
- automatically adjustable wall-thickness



Options

- Energy-sensor-package
- Double density
- Automatic stacking

HC 210

Technische Daten

Werkzeugaufspanfläche	1460 x 860 mm pro Platte
Max. Formteilgröße	3 mal 1265 x 665 mm (Stärke 20 - 400 mm)
Min. Formteilgröße	3 mal 1000 x 500 mm (Stärke 20 - 400 mm)
Zykluszeit	> 40 sek.
Schließhub	1350 mm
Größe der Maschine (L x B x H)	8080 x 5280 x 6180 mm
Gewicht der Maschine (netto)	21000 kg

Technical data

Mold mounting dimensions	57.5" x 34" mm per board
Max. part size	49.8" x 26.2" three units (thickness 0.8" - 15.7")
Min. part size	39.3" x 18.6" three units (thickness 0.8" - 15.7")
Cycle time	> 40 sec.
Closing stroke	53"
Machine dimensions (l x w x h)	26'6" x 17'4" x 20'3"
Machine net weight	46297 lb

Données techniques

Surface d'ablocage des moules	1460 x 860 mm par plaque
Dimensions max. des pièces	3 unités 1265 x 665 mm (épaisseur 20 - 400 mm)
Dimensions min. des pièces	3 unités 1000 x 500 mm (épaisseur 20 - 400 mm)
Temps de cycle	> 40 sec.
Course de fermeture	1350 mm
Dimensions de la machine (l x l x h)	8080 x 5280 x 6180 mm
Poids net de la machine	21000 kg

Dati tecnici

Dimensioni piastra porta-stampi	1460 x 860 mm per piastra
Dimensioni mass. pezzi	3 unità 1265 x 665 mm (spessore 20 - 400 mm)
Dimensioni min. pezzi	3 unità 1000 x 500 mm (spessore 20 - 400 mm)
Tempo di ciclo	> 40 sec.
Corsa di chiusura	1350 mm
Dimensioni macchina (lung. x larg. x alt.)	8080 x 5280 x 6180 mm
Peso netto macchina	21000 kg

Datos técnicos

Superficie de sujeción de moldes	1460 x 860 mm por placa
Dimensiones max. de las piezas	3 unidades 1265 x 665 mm (espesor 20 - 400 mm)
Dimensiones min. de las piezas	3 unidades 1000 x 500 mm (espesor 20 - 400 mm)
Tiempo de ciclo	> 40 seg.
Recorrido de cierre	1350 mm
Dimensiones de la máquina (largo x ancho x alto)	8080 x 5280 x 6180 mm
Peso neto de la máquina	21000 kg

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