

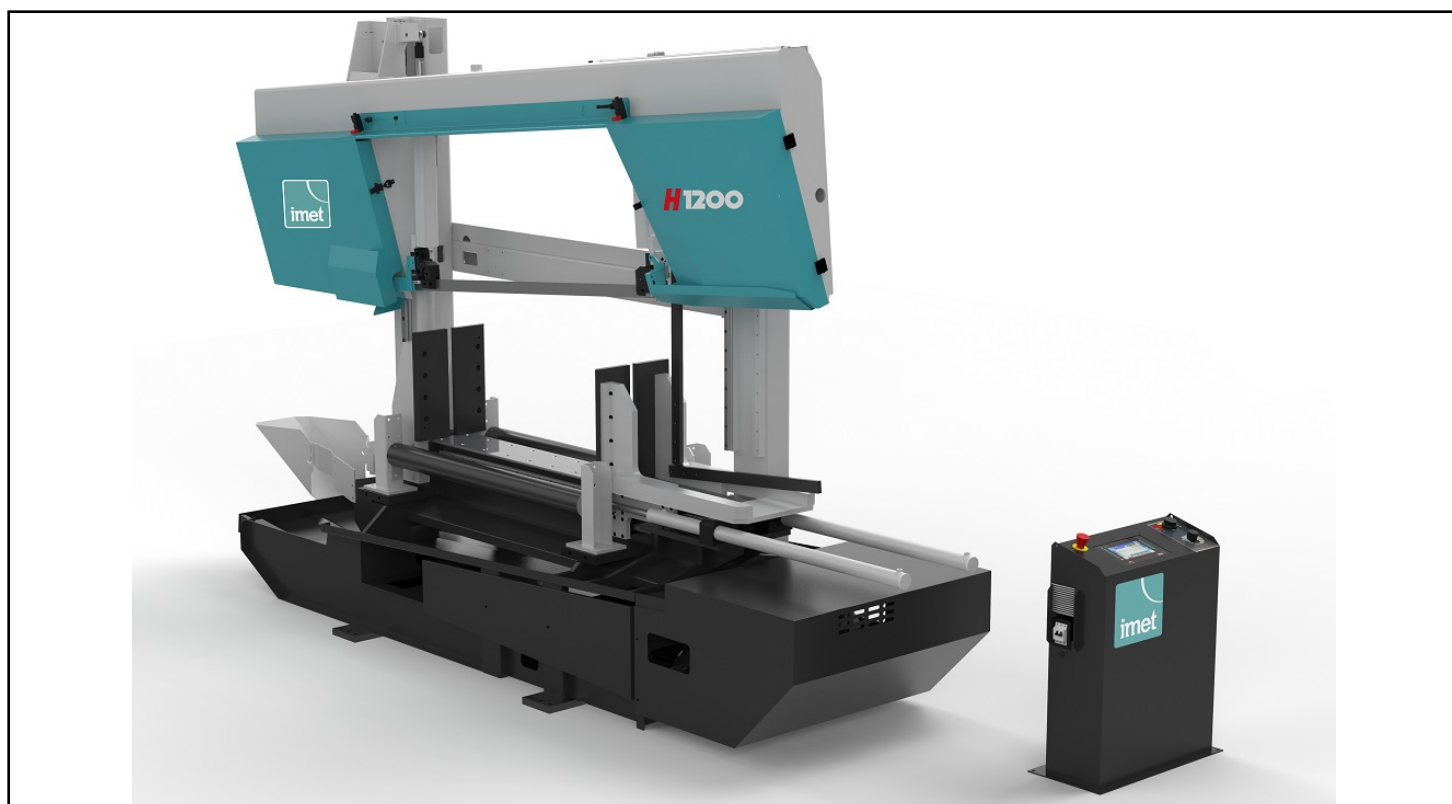
MACHINE MODEL

H1200

Semiautomatic double column bandsaw for 90° cuts

Short description

H 1200 is the semiautomatic double column bandsaw for straight cut (90°) that provides high working performances with reliable cutting quality and an optimized cutting process thanks to the 5° canted blade, easing the material penetration even on the biggest sizes. The machine is suitable for tubes, pipes, full materials and carpentry works



Cutting capacity at 90°	Round: 680mm - Squareto: 640mm - Rectangular: 1250x600mm
Cutting capacity at 90° full material	500mm
Bundle cutting capacity	1000x350mm MAX - 50x50mm MIN
Blade motor	7.5KW
Blade speed	Da 15 a 90 m/min
Blade size	8140x54x1.6mm
Blade tension	3000kg/cm2
Band inclination	5°
Weight	3400kg
Size	1450x4000x2750mm
Working table height	855mm
Hydraulic unit motor	0.75KW
Hydraulic unit tank capacity	20l

Features



Rigid sawframe PG

The machine has an electrowelded bow in steel with rigid tubular section and large thickness: this structure helps avoid any vibration, binding or slowing of sawing rates while working. Sawframe movement is on linear guides, perfectly balanced with a big diameter hydraulic cylinder.



Canted blade

H 1200 is equipped with a 5° canted blade to have the highest and best cutting performances on every type of material with any size, even on wider diameters.



Blade tension

Together with canted blade, the high blade tension (3000kg/cm²) allows the sawblade to freely and easily cut through the bottom of large structures, improving cutting times and performances.



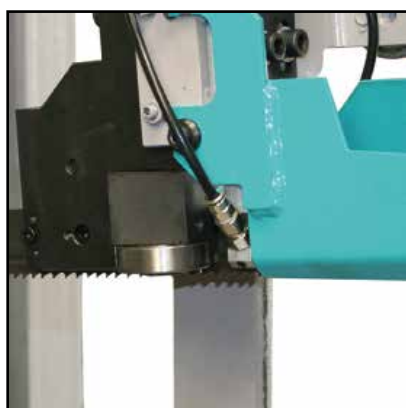
Smart cut approach

H 800 and H 1200 are equipped with an automatic detection material system which also detects the first cut point thanks to a magnetic strip with encoder for material reading: the operator must set the material size on the panel control, the machine starts the automatic fast lowering of the sawframe up to the set value. This process allows to have a faster and easier approach to the material, helping saving time.



Blade cleaning

The machine mounts a mechanical cleaning brush with nylon teeth so that the blade is always kept perfectly clean and the residuals can be removed while working.



Blade guides

Registrable blade guides in metal pads and bearings. The mobile blade guide is automatically being kept next the cutting area.



Vice

H 1200 mounts an hydraulic horizontal vice with full stroke so that the material is perfectly locked and ready to be cut.



Panel control

Semiautomatic bandsaws are equipped with mobile panel control that gives full control on all the main operative settings: it's possible to manage lowering speed and power, blade speed and penetration in the material.



Minimal lubrication system (Optional)

OPTIONAL

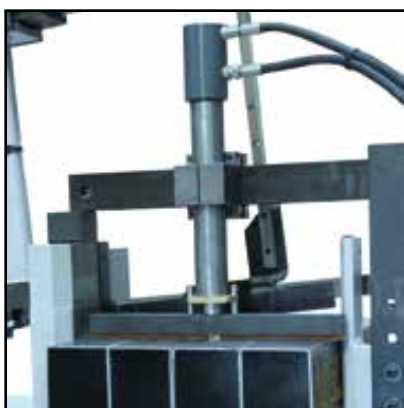
It is possible to require, for all Imet machines, the minimal lubrication system, it avoids the dispersion of refrigerant liquid typical in the use of emulsifiable oil, the life of the blade is not in any way affected. Minimal lubrication system has a 3 liters capacity.



Blade deviation control (Optional)

OPTIONAL

Blade deviation control with working stop in case of failure.



Bundle cutting (Optional)

OPTIONAL

Hydraulic device for bundle cutting (1000x500mm - 50x50mm)



Laser ray (Optional)

OPTIONAL

Laser ray to optimize the working process of the operator that helps to view the set cutting line.



Loading and unloading roller table (Optional)

OPTIONAL

Loading and unloading roller table with free rolls. Single module 2m with 2 containment vertical rolls on one side.



Roller table preset for motorization (Optional)

OPTIONAL

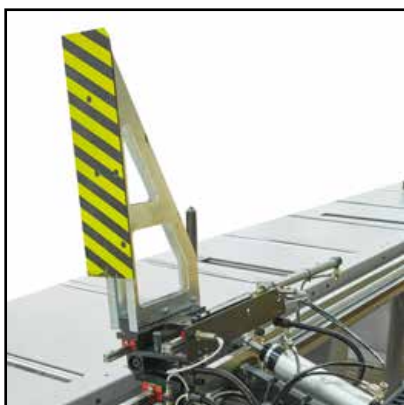
Roller table preset for motorization with chain transmission and pignons. The element price is to be intended for a single metre.



Motorization system (Optional)

OPTIONAL

Motorization system for motorized roller table. Recommended every 6m in length. Max speed 10m/min



Motorized measurement length stop (Optional)

OPTIONAL

CNC motorized measurement length stop with fast approaching and automatic slowdown of the piece. To be ordered together with RTR motorized roller table. - RR6S measurement length 6m -RR9S measurement length 9m -RR12S measurement length 12m



sawing technology

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H1200



Pair of vertical rollers (Optional)

OPTIONAL

Pair of containment vertical rollers made in steel. Max 2 pair every 1.5m element.