



- KATANA saws can be equipped with automatic:
- Powered infeed and outfeed conveyors.
 - Transfer tables with carts or catches.
 - Material positioning carriage and measuring system.
 - Magnetic device to quickly and efficiently transfer small processed parts, trim cuts and drops to the outfeed conveyor or to the unloading table.
 - Special unloading table for to unload small processed parts, trim cuts and drops.



Automatic System Layout

TECH SPECS

AUTOMATIC CNC BAND SAWING LINE KATANA	K60L	K100L	K115L	K126L	K206L	K208L	K258L
Section size at 90° [min. mm]	60x60	80x10	80x10	80x10	200x10	200x10	200x10
Section size at 90° [max. mm]	610x450	1015x450	1100x510	1250x610	2000x610	2000x800	2540x815
Section size at 45° [max. mm]	400x450	620x450	710x510	810x610	1320x600	1320x800	1320x815
Section size at 60° [max. mm]	250x450	420x420	460x510	510x610	-	-	-
Motor power [kW]	9	9	15	15	18	18	18
Band saw blade speed [max. mt/min]	150	170	170	170	170	170	170
Band saw blade size [mm]	41x1.3x6700	41x1.3x7880	54x1.6x9920	67x1.6x10500	67x1.6x12100	67x1.6x12930	67x1.6x13930
Machine weight [kg]	3100	6000	11500	12600	16500	17500	19000

Please review FICEP's terms and conditions of sale and system specifications that are in our formal proposal. The manufacturer reserves the right to change specifications and features from those indicated in this brochure. Current specifications and features are part of the formal quotation. The raw material mentioned on this catalogue are in accordance with the following standards: UNI EN 10025 for technical conditions; UNI ISO 5679 - UNI ISO 5680 - UNI 5397 - UNI 5398 - UNI EN 10024 - UNI EN 10034 - UNI EN 10279 - UNI EN 10056-1 - UNI EN 10056-2 for dimensional tolerances; UNI EN 1090 for pieces execution tolerances.



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KATANA
Automatic CNC band
sawing lines for sections

Katana is the latest FICEP development in the field of band sawing. This product can carry out extremely fast and top quality operations when processing structural steel sections with up to 60° mitered cuts. The Katana is as a stand-alone saw, complete sawing line and as a combined solution with our drilling lines.

Main features

- Hydraulic blade tightening.
- Double blade-guides: fixed side and mobile side automatically pre-adjustable.
- Synchronized brush to remove the chips from the saw band teeth.
- Hydraulic vertical hold-downs that slide on prismatic guides.
- Blade lubricating/cooling system is included in the working cycle.
- Two independent hydraulic vices to clamp the profile while being cut either at 90° and at mitered position.



K60 with integrated hold-down and rotating base at +45°/-60°



KATANA band saw equipped with unloading device with magnet and short pieces unloading device



Brush for blade cleaning



Vertical hold-downs



Pegaso is the latest generation CNC for Ficep lines where the PC, CNC and PLC are all integrated into a single circuit board for maximum reliability. Pegaso is based upon a field bus technology using CanBus and EtherCAT for controlling up to 32 separate CNC axes.



Quick blade change



Automatic unloading device with magnet

Katana band saws can be equipped with our Pegaso CNC control unit to automatically manage the cutting cycles and to connect the firms network.

When combined with drilling lines, there is no need to add a further CNC unit as the entire system is controlled by a single CNC.



Katana saw combined with Valiant drilling line

