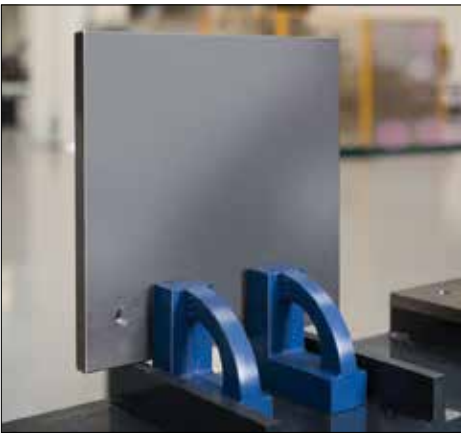


- Excalibur only requires 50% of the floor space of a conventional beam drilling line
- The cabin moves over the floor level without interfering with drill chips
- High drilling performances by using carbide insert tools
- The unique auxiliary axis on the spindle allows operations to be performed without moving the machine cabin, assuring high precision and long life with no stress to the linear guide
- Remote diagnosis is possible through a network connection that allows our service team to perform routine checks

These are only few of the great advantages that this system can offer!



Automatic tool changer with 6 positions



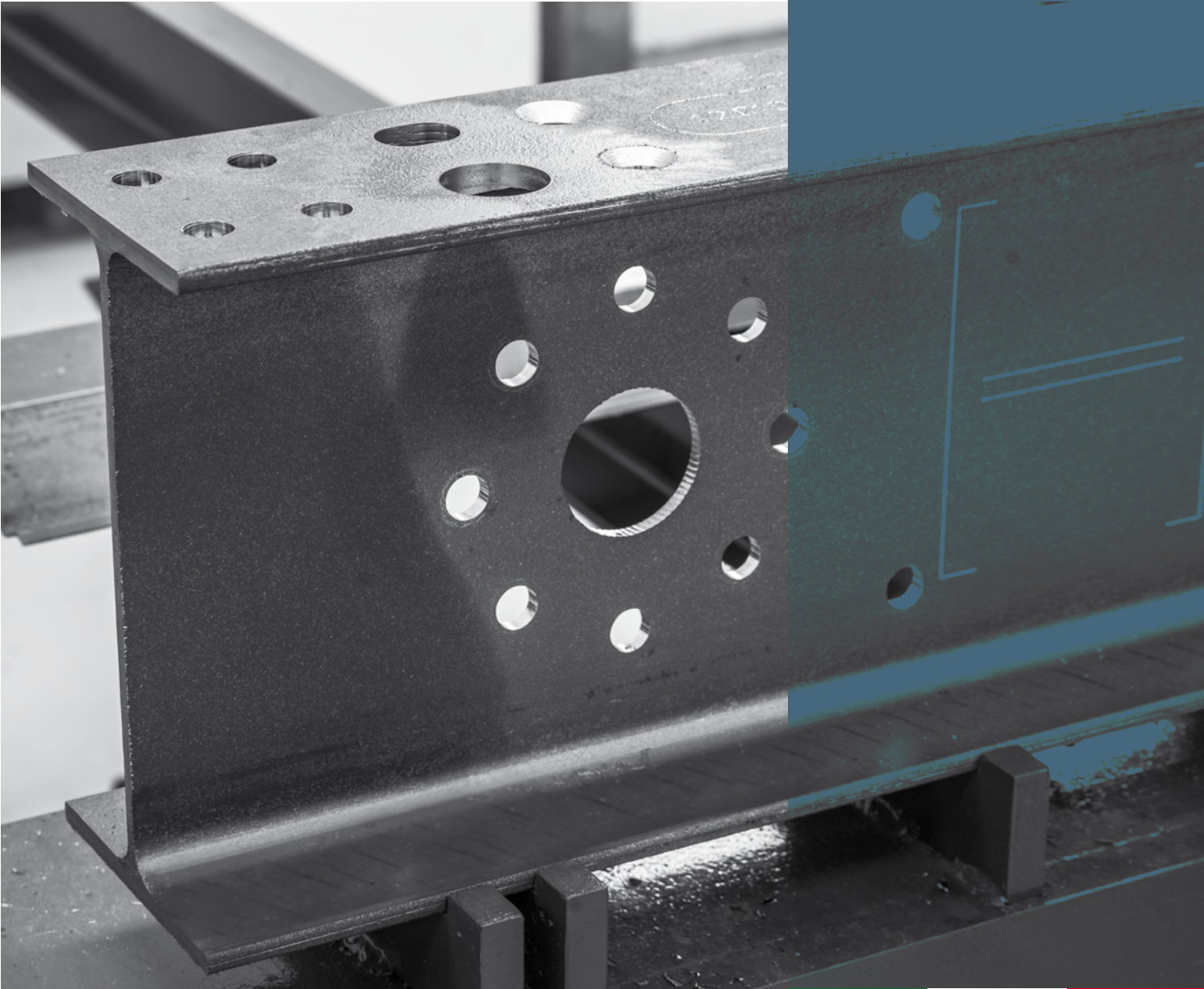
Device for the processing of plates

TECH SPECS

AUTOMATIC CNC MONOSPINDLE DRILLING LINE EXCALIBUR / VICTORY	VICTORY II - 1001 DE	EXCALIBUR - 1201 DE
Profile size [Min. mm]	50	50
Profile size [Max. mm]	1000	1200
Drilling heads [no.]	1	1
Drilling tools per head [no.]	1	1 (6)
Drilling diameter [Max. mm]	40	40
Spindle power [kW]	17	19
Spindle Max. RPM	5000	5000

Please review FICEP's sales terms and conditions and machine tolerances as per specific documentation that can be supplied upon request. All the specifications on this catalogue are merely indicative and not binding for the manufacturer. 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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FICEP Guangzhou  
FICEP Austria Service  
FICEP India Service  
FICEP Korea Forge Service  
FICEP Japan



# EXCALIBUR- VICTORY

Automatic CNC  
monospindle drilling lines  
for profiles



Ficep was the first to introduce a CNC controlled horizontal mono spindle drilling line to process profiles for the steel construction industry. The Excalibur/Victory is the latest development in this family of CNC drills where the drilling unit positions along a support table while the part to be processed remains stationary. Thanks to its exclusive features, the Excalibur/Victory is an exceptionally versatile and brilliant solution for small and mid-size companies.



The powerful direct drive spindle ensures high drilling performances. Its heavy duty features and the most advanced technologies make it extremely reliable and efficient.



The drilling unit main cabin slides along the loading table on a robust support, which is equipped with a rack that through a toothed pinion guarantees fast and safe machine movement.



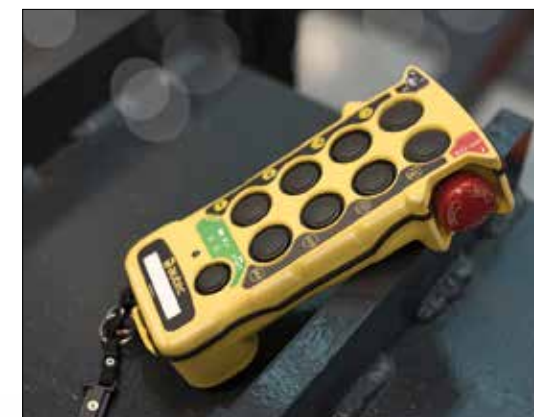
Pegaso is the new generation CNC for Ficep machines. PC, CNC and PLC are all integrated on a single board, to have the maximum reliability. Pegaso is based on field bus technology: CanBus and EtherCAT, with up to 32 axes controlled



The auxiliary axis allows milling and scribing operations, as well a group of holes, thanks to its extra stroke.



Thanks to top and front side laser measuring systems and to a firm clamping device, high accuracy for automatic data input and for processing is assured.



A remote control is supplied to allow the operator to monitor the machine and to prepare the profiles while carrying out other operations, without stopping the line



## SAFETY

FICEP takes care of the ergonomic and safety details during the design activities. The machines comply with the CE regulations and each layout can be designed to suit the customer, detailing the required functionality and safety requirements. Safety is no detriment to production with this solution. On the contrary. Well thought out and engineered safety solutions pressed FICEP engineers to think about functionality and capability to reduce or remove the need for intervention by the operator over the machine cycle. The consequences of this approach, is reflected in a much reduced change from cycle to cycle of the machine performance, giving higher throughput on short and long runs.