

programmable jointer

L'invincibile f 7

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*Photo may include optional equipment

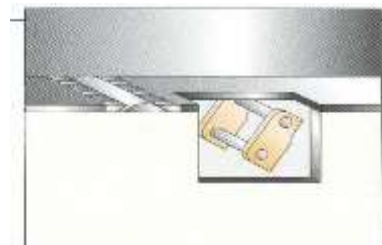
L'invincibile F 7 X

Programmable 20" long bed jointer

The L'invincibile F 7 X is our most robust and heaviest duty, long bed 20" jointer designed to meet the needs of high production shops. Standard features abound on this machine to make it both as efficient and dependable as possible without sacrificing safety.

Extra-long Cast Iron Tables

All SCM Jointers use aged cast iron tables that are machine polished to the highest tolerances. These castings are ribbed to ensure maximum strength and to avoid problems with the tables warping or breaking during use. The longer tables ensure board straightness. The L'invincibile F 7 X tables are over **118 inches long** to make sure that the workpiece will be straight every time.



Parallelogram Movement

All SCM Jointers incorporate a parallelogram movement of the infeed and outfeed tables. This system has the table height adjustment through a system of four cams (one per corner of support) that pivot on a radius equal to the head radius. This radiused pivot ensures that the table chip breaker remains in the correct position from the head. Some manufacturers use a wedge type movement which allows the table and chip breaker to move away from the head as it is adjusted for more removal. This system allows splintering and a poor quality finish. The SCM Group parallelogram design and engineering eliminates these issues.



XYLENT Cutterhead

This amazing SCM Group L'invincibile Jointer now comes with the most innovative solution for soundless planing in the world. The 20" cutterhead version comes with a spiral knife cutterblock with 3 series of knives. Totalling 84 plates of 15x15x2.5mm. These are four self-locking and self-centering screw knives. With each cutterhead you will also receive 1 dynamometric key for the correct and safe use of the locking mechanism (think of a mini torque wrench). Additionally, you will receive two inserts for the dynamometric key.



XYLENT Maintenance Kit

This kit was designed to help you get the most out of your new XYLENT cutterhead. With this kit you get one cleaning/degreasing liquid bottle for helping reduce resinous wood coatings. You will also get one dynamometric key set to 5.7 Nm, two bit Torx T20, ten inserts of 15x15x2.5mm, five M6x15 T20 screws, one brass bristle brush to clean the spindle with the mounted inserts and one steel bristle brush to help clean out the insert housings. All in a beautiful and functional hardback case.



Smart Lifter Planer Protection

Shown here, the standard guard offered on the L'invincibile F 7 X is a specially designed European Cutterhead Guard which passes all American safety standards. The guard moves out of position automatically to accommodate your workpiece as it passes underneath the guard for face jointing and also for edge jointing. This guard always covers the unused portion of the knife. Other European style guards require the guard to be manually moved into place when the fence is readjusted or when the workpiece must pass through. When processing thick wood, or edge jointing, this does not cover the blade completely.



STANDARD EQUIPMENT

- XYLENT helicoidal, 3-series of knives cutterblock insert head with quick change knives
- Overhead Control Panel
- Electrical movement of infeed table with digital readout of cutting depth
- Additional Overturning fence for processing thinner pieces.
- Magnetic starter with overload protection
- Heavy Cast-iron jointer fence and tables
- Smart Lifter cutterhead guard planer protection
- 118+ Inch long table length with ribbed cast tables
- Parallelogram movement of tables
- Tool set
- Dust hood

TECHNICAL SPECIFICATIONS

Motor Horsepower	11 HP
Total Table Length	3008mm (118 1/4")
Infeed Table Length	1775mm (70")
Outfeed Table Length	1180mm (46.1/2")
Table Width	520mm (20 1/2")
Working Capacity	2750mm x 520mm (118" x 20 1/2")
Max. Depth of Cut	8mm (5/16")
Cutter Head Diameter	120mm (4 3/4")
RPM	5000
No. of knives	84
Knife Dimensions	15mm x 15mm x 2.5mm
Fence Size	1500mm x 175mm (59" x 7")
Fence Tilt (degrees)	0° – 45°
Dust Hood Diameter	120mm
Noise Level (dB)	75
Overall Dimensions	119" x 56"
Shipping Weight	1020kg (2,250 lbs)
Net Weight	850 kg (1,875 lbs)
Electrical Requirements	230 volts
Dust Extraction	980 cfm

	L'invincibile F 7 X (Xylent) 3-Phase Surface Planer (Jointer)
R0.20.16	L'invincibile F 7 Usa/Canada version
93.07.35	230 Volt
93.15.01	Frequency 60Hz
57.03.23	"Xylent" spiralknife cutterblock with 3 series of knife
57.03.27	Xylent maintenance kit
57.03.28	10 spare inserts kit (15x15x2,5) for Xylent spindle
08.06.31	Seaworthy packing

Specifications are subject to change