

MACHINE MODEL

SIRIO 315

Heavy duty manual vertical saw

Short description

SIRIO 315 vertical descent disc sawing machine is the professional machine for cutting profiles and solids of high resistance steel. SIRIO 315 allows to cut from 0 ° to 45 ° right and from 0 ° to 60 ° left.



Scan the video



Cutting capacity at 0°	Round: 108mm - Square: 93mm - Rectangular: 150x90mm
Cutting capacity at 45° left	Round: 108mm - Square: 93mm - Rectangular: 105x80mm
Cutting capacity at 60° left	Round: 93mm - Square: 80mm - Rectangular: 75x90mm
Cutting capacity at 45° right	Round: 108mm - Square: 93mm - Rectangular: 105x80mm
Cutting capacity at 0° with 300mm blade	Round: 100mm - Square: 84mm - Rectangular: 140x80mm
Cutting capacity at 0° solids (C45)	60mm
Blade size	315mm
Blade motor power	1.5/1.8KW
Blade speed	17/33rpm
Double blade speed	33/66rpm
Coolant tank capacity	40l
Work table height	920mm
Weight	327kg
Dimensions	800x900x1700mm

Features



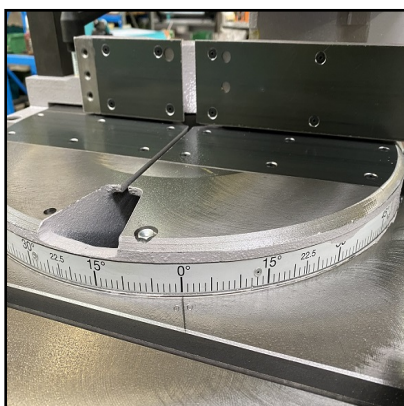
Vertical cutting

SIRIO 315 is a manual sawing machine and performs vertical cuts with circular blade.



Stability

The SIRIO models have high structural stability to reduce vibrations and movements of the miter saw when cutting. The rigid vertical structure is in cast iron with a large surface of contact between the machine head and the structure to ensure even more solidity when in use



Adjustable stops

SIRIO 315 is equipped with a system with adjustable stops at 0 ° and 45 °, adjustable bar stop and graduated scale for other angles and maximum positioning precision.



Minimal lubrication system (Optional)

OPTIONAL

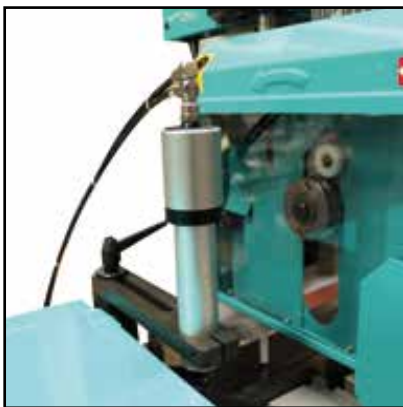
The lubrication system cancels the dispersion of the coolant without damaging or affecting the life of the blade. The system is equipped with a 1.3l tank and nozzle.



Pneumatic vice (Optional)

OPTIONAL

PNEUMATIC VICE (OPENING/CLOSING SYNCHRONISED WITH THE HEAD MOTION)



Vertical vice (Optional)

OPTIONAL

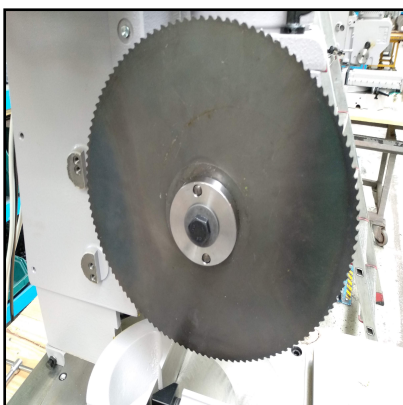
Vertical vice (to be used coupled with pneumatic vice)



V jaws (Optional)

OPTIONAL

Two pairs of cast iron V jaws to fittings bundles and round bars (max diameter 85 mm.) with tools to mount them



Blade (Optional)

OPTIONAL

SIRIO 315 can mount blade of 40mm hole



sawing technology

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SIRIO 315



Adapter to synchronize roller table/machine (Optional)

OPTIONAL

Adapter to synchronize the RTD/RTP table and the head motion



Connection for roller table (Optional)

OPTIONAL

Connection for loading/unloading table



Loading/unloading roller table 1st unit (Optional)

OPTIONAL

1st unit of roller conveyor compatible for both the loading and unloading sides.
Length 2m, loading capacity 700kg.



Loading/unloading roller table following unit (Optional)

OPTIONAL

Following unit of roller conveyor compatible for both the loading and unloading sides. Length:2m, loading capacity:600kg.



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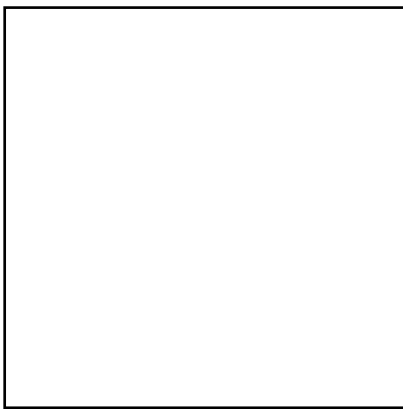
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Unloading roller table with metric rod 1st unit (Optional) **OPTIONAL**

1° unit of roller conveyor (unloading side) with metric rod and lenght stop.Lenght: 2m, loading capacity 700kg.



Unloading roller table with metric rod following unit (Optional) **OPTIONAL**

Following unit of roller conveyor (unloading side) with metric rod and lenght stop.Lenght: 2m, loading capacity 600kg.



Unloading table with digital reading and manual positioning (optional) **OPTIONAL**

Unloading table with digital reading and manual positioning, you can choose lenghts of 2mt., 4mt., 6mt., 8mt., 10mt., 12mt.....



Unloading roller table with length stop (optional) **OPTIONAL**

Unloading roller table with length stop and selection of the lengths by means of a keyboard Available: -RTP3W30: Measuring lenght of 3m, 3 pedestals, max loading 3000kg; -RTP6w30: Measuring lenght of 6m, 5 piedestals, max loading 6000kg. etc..



Unloading roller table with digital reading and manual **OPTIONAL**

Unloading roller table with digital reading and manual movement. Available : -
 -RTL3W30 Measuring length of 3m, 3 pedestals, max loading 3000kg; -RTL6KW30
 Measuring length of 6m, 5 pedestals, max loading 6000kg. etc..



Pairs of V rollers (Optional) **OPTIONAL**

Pairs of V rollers made in steel for tubes, max 6 pairs per each element 2 m long,
 to be used on machines with V jaws, without rollers cover (only for RTS) (not
 available together with RI-W30) Pair of containment vertical rollers 300 mm made
 in steel, max 2 pairs for each element



Vertical rollers (Optional) **OPTIONAL**

Pair of containment vertical rollers 300 mm made in steel, max 2 pairs for each
 element 2 m long; to use without rollers cover (only for RTS) (not available
 together with RV-W30)