

THE MISSING LINK

BETWEEN LONG TILE SAWS AND POWERFUL MASONRY SAWS

As materials become longer, heavier, thicker and harder, an alternative solution was needed. With its long cutting lengths and powerful motor, coupled with a strong and robust frame to support heavy materials, this is the solution for the future of tile cutting.

The CST Series is designed to handle heavier and larger materials than a traditional masonry or tile saw for precision cutting of masonry, stone, flooring, and tile products. It allows miter cutting of material up to 45° and designed to cut materials up to 47-1/4" (1.2 m) in length. The CST120 ALUMINUM is a lightweight solution when mobility is the priority. It is a powerful machine offering long cutting lengths, folding legs, and transport wheels making it easy to transport.



KEY APPLICATIONS: MASONRY | STONE | TILE | CUT-OFF | BEVELING | VENEERS | FLOORING | LANDSCAPING

REDEFINING
JOBSITE MUSCLE™

Technical Specifications

DESCRIPTION	CST120	CST120 ALU
Product Number	701846 08389	701846 08390
Blade Guard Capacity - in (mm)	14 (350)	14 (350)
Maximum Depth of Cut 90° - in (mm)	4.3 (110)	4.3 (110)
Maximum Depth of Cut 45° - in (mm)	3.23 (82.5)	3.23 (82.5)
Maximum Length of Cut - in (mm)	47.25 (1,200)	47.25 (1,200)
Maximum Material Height - in (mm)	5.1 (130)	5.1 (130)
Arbor Size - in (mm)	1 (25.4)	1 (25.4)
Blade Flange Diameter - in (mm)	4 (107)	4 (107)
Blade Shaft RPM	2,800	2,800
Blade Shaft Bearings	Sealed	Sealed
Blade Shaft Drive	Direct	Direct
Blade Guard Attachment	All Steel, with Integrated Water System	All Steel, with Integrated Water System
Conveyor Cart	Fixed Table	Fixed Table
Water Pump	Electric	Electric
Frame	Steel	Aluminum
Power Source	Electric	Electric
Motor/Engine Type	CEP	CEP
Specifications	T.E.F.C. Thermal Protection	T.E.F.C. Thermal Protection
Net Horsepower*	2.4 HP (1.80 kW)	2.4 HP (1.80 kW)
Voltage	115v	115v
Cycle*/Current/Phase	60Hz/AC/1	60Hz/AC/1
Full Load Amps	16 A	16 A
Starter	Capacitor	Capacitor
Saw Dimensions		
Saw Length - in. (mm)	63 (1,600)	64.2 (1,630)
Saw Width - in. (mm)	26 (660)	26 (660)
Saw Height - in. (mm)	30.7 (1,350)	30.7 (1,350)
Maximum Arbor Height Over Table - in. (mm)	12.1 (307.5)	12.1 (307.5)
Table Length - in. (mm)	51.7 (1,315)	51.7 (1,315)
Table Width - in. (mm)	21.5 (545)	21.5 (545)
Pan Length - in. (mm)	61 (1,550)	61 (1,550)
Pan Width - in. (mm)	25.6 (650)	25.6 (650)
Weight Crated - lbs (kg)	392 (178)	238 (108)
Weight Uncrated - lbs (kg)	352 (160)	198 (90)
Accessories		
	UPC/Smart Part#	
Side Stop	003104 78996	
Side Extension Flat (0.55x0.45 M)	003104 79000	
Side Extension with Rolls (1x0.50 M)	003104 78999	
Wheel Transport with Handles	701846 08424	
Laser Cutting Guide with Hardware	701846 08425	
Angle Guide	003104 79001	
Water Pump 115v/60Hz/1	701846 08427	

* = Data Provided by Engine Manufacturer

Recommended Diamond Blades

NATURAL STONE AND TILES

Ceramic and stone tiles, granite, marble, very hard bricks and other very hard and dense materials.

PART #	SIZE	TIER
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Slicer Turbo Mesh

701846**08972** 14" x .090" x 1/20mm

Unique mesh segment design for fast cutting and minimal chipping on extra hard ceramics, porcelain and other hard/dense materials. The reinforced inner core prevents undesirable flexing while cutting - ensuring straight, chip free cuts in demanding applications.

Slicer

701846**84187** 14" x .080" x 1

For Hard Refractories, and Tile. Razor like cut, but with high tensile strength steel core for greater accuracy and less wobbling. The bond and diamond specification enhance cutting speed and improve blade life, particularly in hard materials for premium performance.

Aero-Jet

701846**83785** 14" x .125" x 1/20mm

For Granite and Marble applications. Very fast, smooth cutting. The .590" high diamond rim adds extremely long life whether cutting dry in hard materials. Exclusive arrow shape protection inserts for precision straight cuts. A ventilated waved steel core for better cooling and intensive use. Exceptional cutting on a very wide range of materials with a high quality finished cut.

GENERAL PURPOSE AND MASONRY BUILDING MATERIALS

Blocks, medium-hard building bricks, paving slabs, concrete roof tiles and other medium-hard materials.

PART #	SIZE	TIER
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Silencio

701846**84534** 14" x .125" x 1

With a laser-welded segment height up to .590" and newly developed specification, this blade maximizes cutting performance and product life when wet cutting hard natural stone materials. And it's quieter, reducing cutting noise by up to 15 dB(A), thanks to the use of high-technology materials and patent-pending steel center design. Safer for high traffic environments and less disruptive work locations.

Silencio Charger

701846**03318** 14" x .122" x 1

A more economical silent core design, serrated segment shape, and longer life formula increase the material cutting range and blade life while reducing noise. A perfect solution when cutting in sound sensitive work areas.

CST120



Strong chrome-plated guiding bars for high precision cutting



Tilting head allows cuts up to 45°



Side extension table to adapt to different width materials

CST120 ALU



Aluminum parts make it a lightweight machine, with folding legs and wheels for easy transportation

REDEFINING
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