



KASINS

YOUR PARTNER IN STONE PROCESSING

LION 1900

Compact face polishing and brushing machine



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Lion 1900 compact face polishing and brushing machine has been developed for various shapes of tombstones, kitchen worktops and thin plates.

Lion 1900 is extremely compact machine in comparison to the large polishing area. Strong and sturdy construction guarantees non-vibrating, high quality polishing results. No foundations are needed as Lion 1900 has free standing legs and is very quickly installed and operational.

Graphic display on the control panel make the programme selection extremely easy and quick to set and also read.

Different type of stone shapes can be memorized into Lion 1900 with Teach-In system.

It is very easy to select programmes for different raw materials and polishing/brushing figures including speed and pressure. This guarantees excellent productivity.

Capacity can be increased when Lion 1900 is selected with automatic head exchange mechanism along with automatic stone washing device.

If the stone thickness varies a lot Lion 1900 can be selected also with vertical unit movement.

All mechanical functions in Lion 1900 have been designed so they can be serviced easily. Automatic central lubrication is optional extra along with Ethernet service connection.



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Technical data

Spindle speed	450	r/min
Polishing head diameter	410/470	mm
No of abrasives	5	pcs
Spindle power	7.5	kW
Adjustable pressure(down)	0...6	bar
Adjustable pressure(top)	0...6	bar
Spindle stroke	160	mm
Vertical movement	300	mm
Total vertical movement	460	mm
Bridge travel speed	1...9	m/min
Carriage travel speed	1...9	m/min
Grinding width	1900	mm
Grinding length	3500	mm
Space requirements:		
width	5700	mm
length	3100/3600	mm
height	2950	mm
Power requirement	10	kW
Water supply	20	ltr/min
Air pressure	6	bar
Total weight	6100	kg

Kasins is a Finnish specialist designer and manufacturer of specific stone processing machinery and also complete automatic production lines.

Over 30 years design and manufacturing experience coupled with flexibility and close contact with the machinery operators have resulted in numerous bespoke value for money machinery designs.

Kasins utilises the latest high quality base components, cutting edge innovative product designs and latest in-house software technology to produce reliable, accurate, solid, easy to install and operate machines which require minimal maintenance.