

Model 844 - the perfect multilayer production

Worldwide the best in economical concept for the mass production of interlocking pavers and similar products of top quality. Model 844 is a stationary multilayer machine. The result of decades of research using the most modern technology. Performance at high level with simple handling and very low maintenance.

Designed for products ranging from 50 mm to 500 mm. With model 844 pavers are produced as easy as curbstones or landscaping products.

Using modular components, the production sequence can be fully automated to final cubes – ready for transport. Storage systems with robot for curing are the perfect answer. In addition, consolidating stations are available to match shipping requirements. Step by step the manufacturing system can be expended to a fully automatic production line. The ZENITH team will provide full assistance during an early stage to ensure your success, based on fifty years of experience. ZENITH – partner to the best.



Model 844: Perfection in production of horizontal market segments and landscaping.



Model 844: Technical Details

Model 844 AZ

Features	
Automation	fully automatic
Max. block height	500 mm
Min. block height	50 mm
Cube height	
Max. cube height	640 mm
(Max. cube height - option)	800 mm
Max. production area	1240 x 1000 mm
Production Pallet (standard)	1270 x 1050 mm
Min. height of pallet	125 mm
Max. height of pallet	140 mm
Back concrete hopper	
Volume	approx. 2100 l
Max. feeding height (cube height 640 mm)	3900 mm
Max. feeding height (cube height 800 mm)	4065 mm
Hard face hopper	
Volume	approx. 2100 l
Max. feeding height	same as back concrete hopper

Machine weight:	
With hard face unit	approx. 14.000 kgs
Roller and pusher conveyor, operating platform, hydraulic station, pallet retainer etc.	approx. 9.000 kgs

Machine dimensions	
Max. total length	6200 mm
Max. total height	3000 mm
Max. total width	2470 mm

Machine Data/power supply

Vibration system:	
Vibrating table	two part
Table vibrator 3,0 kW	4 units
Tamper head vibrator 1,5 kW	4 units
Hydraulics:	
System: multi circuit medium pressure	
Pump: multistar piston pump	3 units
Capacity (total)	approx. 180 bar
Max. operation pressure	approx. 83 l/min.
Electric	
Max. power	approx. 48 kW
Max. consumption at 400 V/50 Hz	approx. 105 A
Control system (Siemens)	S7-400
Control equipment: OP170 (option WinCC)	



Technical details are subject to changes - without prior notice. Pictures of equipment shown are examples only. Photos may include optionals as per customer's demand.

Model 844: Example of products

Horizontal segment



(interlocking) paver



ecological paver



garden curb

Landscaping



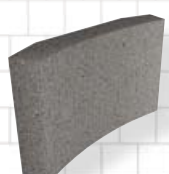
U-block



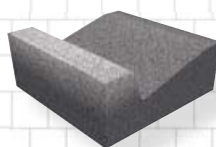
wall retainer unit



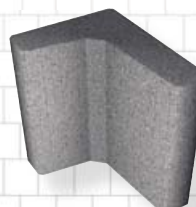
curbstone



water duct block



gutter block



L-shape block