

Cubing Systems

Ecoline 120, Speedline 140



The KVM cubers are constructed for maximum versatility, and can handle all products produced on a blockmachine. The KVM cubing systems are characterised by long life, short cycle time and great reliability.

KVM manufactures a variety of cubers from manual clamps to fully automatic cubing systems.

The cuber frames are manufactured from heavy rolled steel I sections giving the construction long life and stability.

The heavy construction combined with well proven hydraulic and electronic control results in heavy and precise cubers requiring a minimum of maintenance.

Elevated service platform and access ladder makes for safe and easy inspection and service of cubers.

The KVM cubing systems are represented by two standard types:

- Ecoline 120 – can follow a blockmachine cycle of 8-10 sec., handling 2 pallets at a time
- Speedline 140 – can follow a blockmachine cycle of 8-10 sec. by picking up products from 1 pallet at a time.

The movements of the cuber are co-ordinated to the optimum by combining encoder technology with proximity switches.

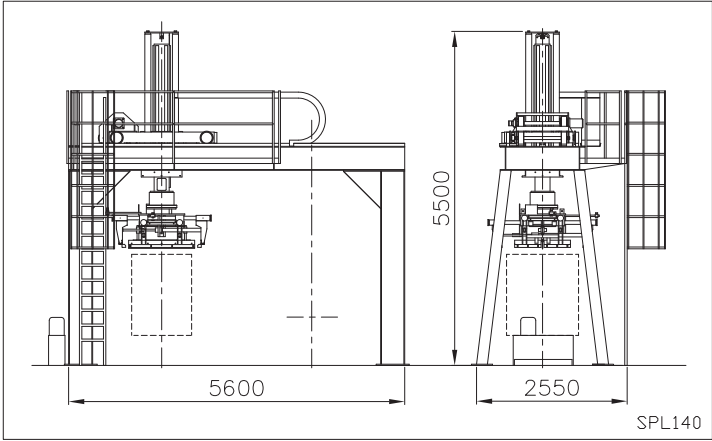
The speed and acceleration of all encoder controlled movements can be adjusted from the control panel.

The control system is based on PLC with an operator terminal for operator communication. An Internet connection enables remote service from KVM service center 24 hours 7 days a week

The cuber control system can communicate with the communication center located in a blockmachine.

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Specifications and auxiliary equipment



Specification, type	Ecoline 120	Speedline 140
Cycle time		
No. of sec. per removal	16	9,5
No. of pallets at the time	2	1
Main measurements:		
Standard length (mm):	5600	5600
Standard width (mm):	2500	2550
Standard height (mm):	5000	5500
Stacking height:		
Standard (mm):	1100	1100
Max. mm:	1450	2000
Driving length:		
Up to (mm):	25000	25000
Lifting capacity:		
(Kg):	600	800
Hydraulic turning:		
Turning angle:	+/- 90 degrees-0/180 degrees	+/- 90 degrees-0/180 degrees
Power supply (kW):	11	30

KVM reserve the right to make alterations without further notification.

Auxiliary equipment:

- Formatting tabels for newarranging formats
- Side shift arrangement for counter stacking
- Vacuum lifting device

