

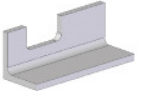

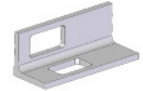





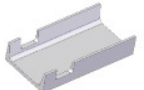

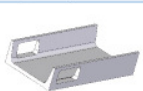





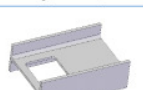




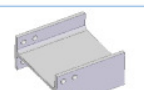
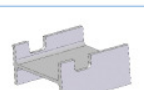





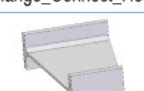







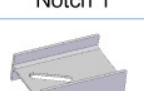




PATTERN

Angle Steel	 Thinning	 Connect Hole	 Notch	 Slot	 Square		
Channel Steel	 Angle Top Bottom	 Block 1	 Block 2	 Circle	 Connect_Hole	 Flange_Notch	 Flange_Slot
	 Flange_Square	 Flange_Thinning	 Miter_Cut	 Notch 1	 Notch 2	 Slot	
H-Beam	 Web_Square	 Block 1	 Block 2	 Block 3	 Block 4	 Flange_Connect_Hole	 Flange_Notch
	 Flange_Reduce	 Flange_Slot	 Flange_Square	 Flange_Thinning	 Jay Allen Connection	 Miter Cut	 Notch 1
	 Notch 2	 Notch 3	 Splitting	 Through_Hole	 Web_Connect_Hole	 Web_Connect_Hole	 Web_Slot

FEATURES

1. DAMA ROBOT CUTTER is a beam cutting system with a KUKA robot specially designed for cutting I-beams, H-beams, channels steel and angled steel.
2. The system is capable of cutting in both flanges and the web, and can also carry out web and flange bevels for weld preparation.
3. The automatic positioning and measuring of the material is performed with a roller feed system.
4. Because each beam possess some dimensional deviation, the robot performs an automatic measurement/probing cycle to obtain the beams actual dimensions.
5. DAMA ROBOT CUTTER can be used as a standalone machine or can also be integrated into beam line production.

SPECIFICATIONS

Model		Robot Cutter
Application	H-Beam	Min 100 x 100 mm / Max 900 x 300 mm
	Channel Steel	Min 75 x 40 mm / Max 900 x 100 mm
	Angle Steel	Min 75 x 75 mm / Max 200 x 200 mm
Material Feeder	Robot Cutting Area	W 900 x H 300 x L 600 mm
	Feeding Speed	2000 mm/min
	Max Feeding Length	Max 12,000 mm
	Feeder Return Speed	24,000 mm/min
Robot Specification	Robot Type	KUKA_KR16-2
	Loading Weight	16 kg
	Positioning	± 0.1 mm
	Reproducibility	± 0.05 mm
	Cutting Speed	≤3,000 mm/min
Robot Cutting Code Loading with USB or Ethernet	Robot codes is generated by DAMA ROBOT CAM software or DAMA ROBOT CAM reads external DSTV to transform robot codes.	
Plasma	Hypertherm HPR XD Series	

This information is subject to change without prior notice.