

Cut-off Capacity :

Model No.	KTC-100EH	
Round bar ●	20 ~ 53 / 102 / 110 mm	0.787 ~ 2.080 / 4.000 / 4.330 in
Square bar ■	20 ~ 40 / 85 / 85 mm	0.787 ~ 1.575 / 3.346 / 3.346 in
Hexagon bar ◆	20 ~ 45 / 85 / 95 mm	0.787 ~ 1.772 / 3.346 / 3.740 in

Saw Head & Spindle :

TCT Carbide tipped sawblade type	ϕ 285 x 2.0 / ϕ 360 x 2.6 / ϕ 370 x 2.6 mm
HSS High-speed steel sawblade type	ϕ 360 / 2.0t ~ 4.0t mm (Max.)
Sawblade rotation speed	20 ~ 180 rpm / Variable speed via frequency inverter
Driving motor of spindle	15Kw (20Hp) / 4p
Cutting backlash compensation device	Powder brake
Sawblade anti-vibration parallel guide	Tungsten carbide plate
Chip scraper	Steel brush disc (Power type)
Sawblade feeding	AC Servo motor (2Kw) / Pivot-arm type
Main vise	One horizontal / One vertical / Hydraulic

Gripper Feed Carriage (GFC) Feeding System :

GFC driving	AC Servo motor (1Kw) / Precise grade Ball-Screw	
GFC vise	Horizontal / Hydraulic	
Initial crop length	8 ~ 200 mm	0.314 ~ 7.874 in
Final rest piece length (Min.)	57 mm	2.244 in
GFC feed stroke	(Once)	4 ~ 800 mm
	(Multiple)	9999 mm

Auto-Loading Magazine Attachment :

Capacity	2000 ~ 6000 mm	6.65 ~ 20 ft
Pre-loading width	890 mm	35.039 in
Pre-loading weight (at static load)	4500 kgs	9900 lbs
Supply track	Lift-up / Hydraulic / Anti-crash	
Anti-rolling collision device	Standard accessory	

Hydraulic Device :

Pump motor	2.25Kw (3Hp) / 4p	
Work driving pressure	70 kg/cm ²	7 MPa
Hydraulic oil tank	90 liters	23.78 gallons

Pneumatic Device :

Work operating pressure	4 ~ 6 kg/cm ²	55 ~ 85 psi
-------------------------	--------------------------	-------------

Machine Dimension & Weight :

Dimension (L x W x H)	6910 x 2530 x 1940 mm	22.67 x 8.30 x 6.35 ft
Weight (machine / loader)	3000 / 950 Kgs	6620 / 2090 lbs

Devices & Accessories :

Auto lubricating system	Self-timer / Forcible lubricating
Auto separator	Cylinder driving / Pneumatic
Chip conveyor	0.2KW / Belt type
Mist cooling & lubricating system	KTMist / Pneumatic intermitted dispensing
Coolant pump device	0.19Kw / 2p / Circulating cooling
Working lamp	LED lamp / Water-dust-proof