

**Cut-off Capacity :**

Model No.	KTC-150SP	
Round bar ●	40 ~ 153 mm (1.574 ~ 6.000 in)	20 ~ 88 mm (0.787 ~ 3.464 in)
Square bar ■	40 ~ 110 mm (1.574 ~ 4.330 in)	20 ~ 65 mm (0.787 ~ 2.559 in)
Hexagon bar ◆	40 ~ 130 mm (1.574 ~ 5.118 in)	20 ~ 76 mm (0.787 ~ 2.992 in)

**Saw Head & Spindle :**

TCT Carbide tipped sawblade type	$\phi$ 460 x 2.7 mm	$\phi$ 360 x 2.6 mm
HSS High-speed steel sawblade type	$\phi$ 460 / 3.0t ~ 5.0t mm	
Sawblade rotation speed	20 ~ 160 rpm / Variable speed via frequency inverter	
Driving motor of spindle	18.75Kw (25Hp) / 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 (5Kw) / 30°Sloping type / Linear guideway	
Main vise	One horizontal / One vertical / Hydraulic	

**Gripper Feed Carriage (GFC) Feeding System :**

GFC driving	AC Servo motor (2Kw) / Precise grade Ball-Screw	
GFC vise	Horizontal / Hydraulic	
Initial crop length	8 ~ 200 mm	0.314 ~ 7.874 in
Final rest piece length (Min.)	80 mm	3.149 in
GFC feed stroke	(Once)	6 ~ 800 mm
	(Multiple)	9999 mm
		0.236 ~ 31.496 in
		393.661 in

**Auto-Loading Magazine Attachment :**

Capacity	2000 ~ 6000 mm	6.65 ~ 20 ft
Pre-loading width	1220 mm	48.031 in
Pre-loading weight (at static load)	9500 kgs	20900 lbs
Supply track	Lift-up / Hydraulic / Anti-crash	
Anti-rolling collision device	Standard accessory	

**Hydraulic Device :**

Pump motor	3.75Kw (5Hp) / 4p	
Work driving pressure	100 kg/cm <sup>2</sup>	10 MPa
Hydraulic oil tank	100 liters	26.46 gallons

**Pneumatic Device :**

Work operating pressure	4 ~ 6 kg/cm <sup>2</sup>	55 ~ 85 psi
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**Machine Dimension & Weight :**

Dimension (L x W x H)	7280 x 2990 x 1908 mm	23.88 x 9.81 x 6.26 ft
Weight (machine / loader)	4500 / 1250 Kgs	9900 / 2750 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