

KTC-150NF

High-speed Circular Sawing Machine
for Non-ferrous Metals



Examples of cut-off speed

Solid aluminum bar

$\varnothing 153\text{mm} / 6 \text{ in} = 5.9 \text{ (sec)}$

$\varnothing 100\text{mm} / 3.937 \text{ in} = 3.1 \text{ (sec)}$

Rectangular aluminum bar

$72 \times 25\text{mm} / 2.83 \times 0.98 \text{ in} = 2.8 \text{ (sec)}$

- Amazing Precise and High-speed Cutting Speed
- Mass production requirement
- Environment Dry & Clean at cutting



ISO 9001 : 2000



039

Specifications

Cut-off Capacity		KTC-150NF
Round bar ●		40 ~ 153 mm / 1.574 ~ 6.0 in
Square bar ■		40 ~ 120 mm / 1.574 ~ 4.724 in
Round tube ○		40 ~ 153 mm / 1.574 ~ 6.0 in
Square tube □		40 ~ 120 mm / 1.574 ~ 4.724 in

Saw Head & Spindle	
TCT Carbide tipped sawblade type	∅ 480 x 2.7t mm
Sawblade rotation speed	1000 ~ 3200rpm / Variable speed

Motor	
Spindle driving motor	15 Kw (20Hp) / 4p (Siemens)
AC servo motor / Saw head	4.87Kw (Siemens)
AC servo motor / GFC	2.14Kw (Siemens)

Gripper Feed Carriage (GFC) Feeding System	
GFC vise	Horizontal / Hydraulic
Initial crop length	6 ~ 200 mm / 0.236 ~ 7.874 in
Final rest piece length	87 mm / 3.425 in (Minimal)
GFC feed stroke (Workpiece length)	6 ~ 800 mm / 0.236 ~ 31.496 in

Auto-Loading Magazine Attachment	
Capacity	2,000 ~ 6,000 mm / 6.56 ~ 20 ft
Pre-loading width	1,380 mm / 54.33 in
Supply track	Lift-up / Hydraulic

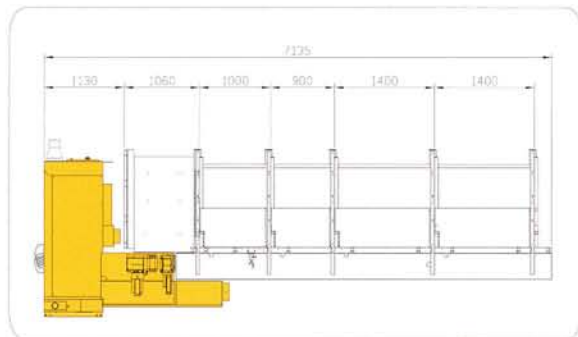
Hydraulic Device	
Pump motor	3.75Kw (5Hp) / 4p
Work driving pressure	100 kg/cm ² (10 MPa)
Hydraulic oil tank	100 liters / 26.46 gallons

Pneumatic Device	
Work operating pressure	4 ~ 6 kg/cm ² (55 ~ 85 psi)

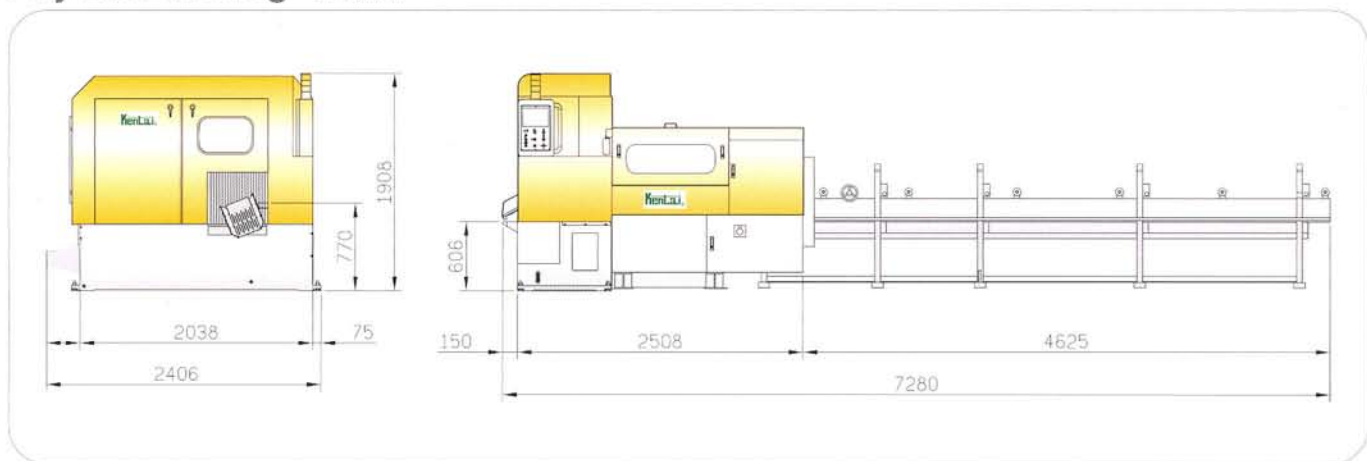
Others	
Dimension (W x D x H)	7,280 x 2,406 x 1,908 mm 23.88 x 7.89 x 6.26 ft
Main machine	4,000 kgs / 8,800 lbs
Loading magazine	1,210 kgs / 2,662 lbs
Main machine (Packing weight)	4,450 kgs / 9,790 lbs
Loading magazine (Packing weight)	1,660 kgs / 3,652 lbs

★ The specifications subject to change without prior notice.

Standard Accessories	
Auto-loading magazine (Excluding protection cover)	
Auto lubricating system	
High speed spindle lubricating system	
Material separator (Cylinder driving / Pneumatic)	
Chip deliverer (Suction type)	
Mist cooling & lubricating system	
Heat exchanger of electrical cabinet	
Halogen working lamp	



Layout Drawing Unit : mm



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