

THUNDERCUT-65

Plasma cutting machine-
Cut fast, cut clean

WELD KING™
www.weldking.com



**Process: Plasma cutting
Plasma gouging**



New generation of ThunderCut-65 is an professional plasma cutting machine designed for sheet metal and light plate fabrication metalworking applications.

With maximum current **up to 70A**, rated cutting 1 in mild steel at speed of **14 IPM**, ThunderCut-65 becomes the most powerful cutting machine in it's class.

State of the art **IGBT inverter** technology delivers continuously adjustable, constant current output, permitting high-quality cuts over a wide range of metal thicknesses.

Customer controllable **Post-flow** cooling circle cools consumables and torch with post-flow air after you release the trigger.

This feature extends life of the torch and consumables.

Strong **non high-frequency** pilot arc will not interfere with or damage CNC controls or computers, and penetrate rust and paint more easily.

Heavy duty S75 industrial standard cutting torch insures the longer consumable life and best cutting quality. Wide range of professional choice of accessories and options delivers best performance in versatile circumstances and applications. Tool-less central quick connection attaches S75 to machine without the use of wrenches or special tools.

Rugged **all-metal** external housing design is durable, damage resistant, corrosion-resistant and weather resistant, guarantees the preferable performance at various environment.

ThunderCut-65 is covered by WeldKing™ hassle free **3 YEAR WARRANTY**. Read the warranty policy in the manual and WeldKing™ website for details.

Standard unit includes:

- ◆ Industrial power cord (10ft) and plug
- ◆ Work cable with clamp
- ◆ Plasma cutting torch S75, 20ft(Order No 07001480)

Torch consumables:

- ◆ Nozzle Outside(Order No 07PC0114)
- ◆ Electrode(Order No 07PR0117)
- ◆ Tip, 1.0mm(Order No 07PD0114-10)
- ◆ Tip, 1.2mm(Order No 07PD0114-12)
- ◆ Swirl ring(Order No 07PE0112)
- ◆ Stand Off Guide(Order No 07CV0028)
- ◆ Insulating Shield(Order No 07CV0076)



3 YEAR WARRANTY

READ THE WARRANTY POLICY IN THE MANUAL FOR DETAILS

Specification

Model	ThunderCut 65(Order No 07001315)
Power supply	180v-265v self adaptable/60Hz
Phase	1
Rated input (KVA)	8.4
Open circuit voltage (V)	280
Amperage range (A)	25-70 Continuously Adjustable
Working voltage (V)	90-108
Duty cycle (%)	60% at 65amps
Air pressure (kg/cm2)	3.0-5.0(42.6-72 psi)
Gas delay time (s)	2-15
Dimension (HxWxD)	57x27x55(22.4inX10.6inX21.7in)
Weight (KG)	33
Rated Capacity (mm) (Mild steel)	25.4(1 inch) at350mm/min(14 IPM) 12.7(1/2 inch) at 1250mm/min(50 IPM) Severance:38mm(1 ^{1/2} inch) at 100mm/min(4 IPM) Pierce: 15.8mm(5/8in)

S75 industrial plasma torch (Order No 07001480)



Standard length	6M (20FT)
Air consumption	150 l/min
Air pressure	5 bar (72.5 psi)
Duty cycle	60% 70 A
Duty cycle	100% 50 A
Warranty	1 year