



MESSER 
Cutting Systems

StarCut 65/105

Powerful, Smart and Reliable

StarCut 65/105

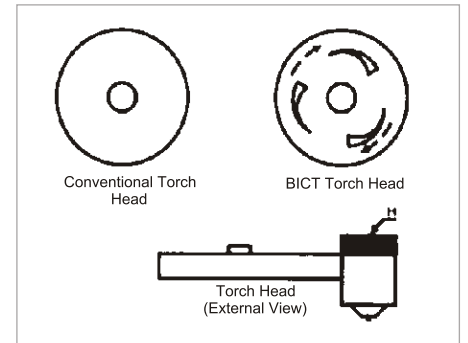
Powerful, Smart and Reliable



Extremely easy operator panel with easy to select parameters



Extremely Reliable & robust torch for Indian shopfloor / site conditions



Built In Cyclonic Technology for sharper & cleaner cut, Eliminates the need of swirl ring



StarCut[®] 65/105

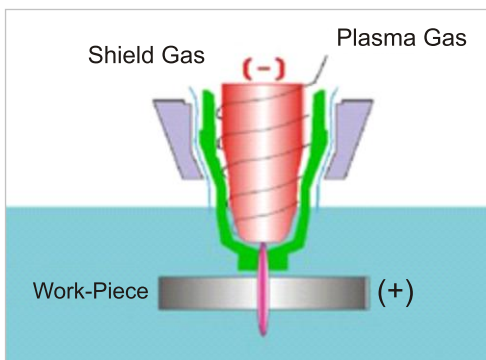
MESSER KNOW-HOW

YOUR SMART CHOICE OF MANUAL PLASMA CUTTING

- Digital Controlled Inverter based manual plasma cutting machine
- Digitised Panel for setup & control
- Extremely reliable IGBT powermodules saves power compared to conventional power sources
- Digital display of the amperage for easy visibility even in dark places
- Easily recognisable error code gives faster resolution of problems
- Wheel Mounted equipment for easy handling in workshops & Sites
- No Preheat process is required to cut conductive metals. Piercing can be done almost in 1 second
- 2 to 5 times higher cutting speed than conventional oxyfuel cutting for steels (Depending on machine power & plate thickness)
- Very easy to operate just connect to 3 phase power, compressed air & start cutting
- Superior cut quality means less grinding & easy edge preparation
- Less dross & superior cut quality
- Ideally Suited for automobile industries, Foundry, Onsite / Offsite maintenance department, Artwork, Designer workshops, Hobby shops & DIY applications, rescueunits, Researchlabs, Fabricationshops, scrap handling units, agricultural / dairy equipment manufacturing, Garages & a long list of imaginative applications, etc. . .



Economical & Long Lasting plasma consumables saves cutting cost



Latest Plasma Focus technology gives superior cut quality on any conducting metals



The agility of the machine & precision makes complex profiles easy to cut

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Technical Data (dimensions in mm)

Specification	Starcut 65	Starcut 105
Input Voltage	3 phase 415 Volts & 50 Hz	
Output Current	35~65A	35~105A
Input Power (max output: 65A*150V)	11.5KVA	20KVA
Machine Principle	Digitally controlled IGBT based inverter	
Open Circuit Voltage	300 Vdc ~ 330 Vdc	
Cutting Torch Cooling	Air cooled	
Duty Cycle at 40° C (10 Min)	40 %	
Arc Ignition type	With Pilot Arc	
Dimension Length X Width X Height	540 mm X 360 mm X 670 mm	
Weight (kgs)	60	67
Recommended cut capacity without pierce (mm)	15	25
Reliable Pierce Capacity for manual cutting use (mm)	9	16
Severance Cut Capacity (mm)	20	45
Compressed Air requirement	Clean, Oil free, Dry, compressed Air 5.0 to 5.5 Bar @ 175 L/min	
Minimum Compressor Capacity & Tank Size	1.5 hp with 300 Liter Tank	

The descriptions, technical data and illustrations contained in this document are provided for guidance purposes only and are non-binding. The manufacturer reserves the right to make alterations to products without notices.

