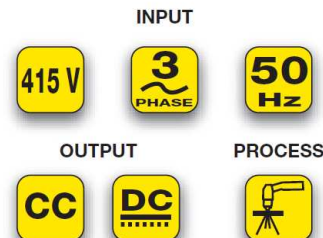




# LPH Air Plasma Cutting

from the Inventors of Plasma Cutting



## LPH 35



The LPH 35 is designed for cutting of plates up to 8 mm thick. The front panel allows selection of cutting current of 20A or 35A to suit the power requirements of cutting conditions. The LPH 35 comes equipped with PT 30KK, an air-cooled torch having 4.0 m hose package.

## LPH 50



The LPH 50 is designed for cutting of plates up to 12mm thick. The front panel allows selection of cutting current of 30A or 50A to suit the power requirements of cutting conditions. The LPH 50 comes equipped with PT 27, an air-cooled torch having 7.6 m hose package.

## LPH 80



The LPH 80 is designed for cutting of plates up to 25 mm thick. The front panel allows selection of cutting current of 40A or 60A or 80 A to suit the power requirements of cutting conditions. The LPH 80 comes equipped with PT 27, an air-cooled torch having 7.6 m hose package.

## LPH 120

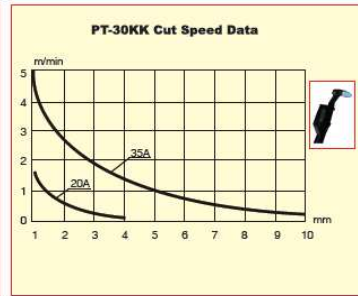
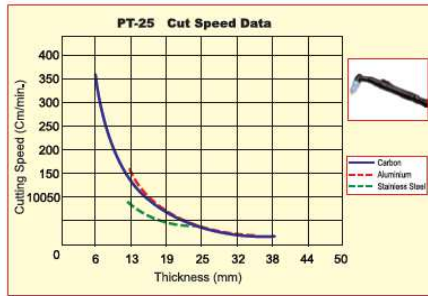


The LPH 120 is designed for cutting of plates up to 35 mm thick. The front panel allows selection of cutting current of 6A or 90A or 120A to suit the power requirements of cutting conditions. The LPH 120 comes equipped with PT 25, an air-cooled torch having 7.6m hose package.

Technical data		LPH 35	LPH 50	LPH 80	LPH 120
<b>Mainsupply</b>	V/Hz	3x415/50	3x415/50	3x415!50	3x415/50
Fuse slow	A	16	25	32	50
Rated power	KVA	11	16.5	20	30
<b>Max output</b>					
At 35% duty cycle	A	35			
At 60% duty cycle	A		50	80	120
At 100% duty cycle	A	20	30	60 & 40	90 & 60
Open circuit voltage	V	295	320	310	310
<b>Pressure</b>	bar	3.5-7	4.5-7	4.5-7	4.9-7
<b>AirSupply</b>	L/min	130	118	118 1	86-236
Cooling air	L/min	-	-	-	132-1 70
<b>Cutting capacity,</b>	Fe mm	8/12*	12/15*	25/35*	35/45*
<b>Enclosure class</b>		IP 23	IP 23	IP 23	IP 23
<b>Weight</b>	kg	52	89	131	167
Dimensions LxWxH	mm	610x255x515	680x325x515	760x390x845	760x390x845
<b>Ordering information</b>		46F0303035	46F0301 050	46F0301 080	46F0304120

\* Quality cut / severing

### LPH cut speed data



### LPH is suitable for AI, SS and also for Carbon steel

because

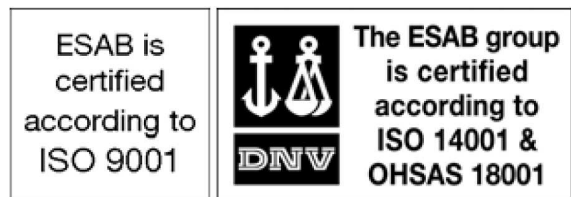
- Faster and economical on AI, SS, Carbon steel below 12mm
- Cutting starts from 0.1mm onwards unlike 6mm of flame cutting
- Very safe and convenient on any application
- No distortion even on sheets below 6mm
- Savings on storage and maintenance of gases
- Better quality of cuts
- Easy to adapt and lesser skill requirements
- No naked flames
- Circle and profile cutting accessories
- Light weight torches makes cutting effortless

Always insist on genuine accessories and parts for best performance



### Quality accessories for the quality welder

ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at [www.esab.com](http://www.esab.com) or contact your local ESAB dealer.



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