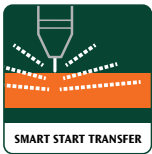




Powerful and compact, SHARK 75 is the most efficient solution to fully meet the cutting needs of medium and light fabrication work. Its always precise cutting performance enables the achievement of the highest standards in all circumstances. Top quality cutting is achieved at high speed thanks to SK75 HPC High-Performance-Cutting technology torch, which offers a powerful and concentrated cutting beam.

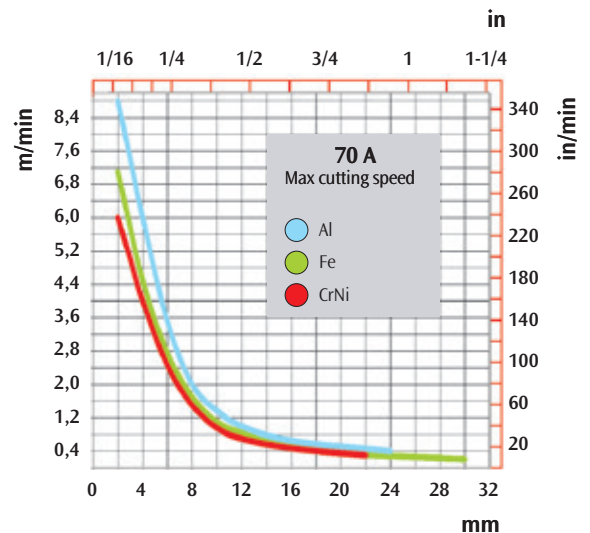
Smart Start Transfer and Smart End Cutting functions permit both initial and final cutting phases in an optimal way.

- ✓ **SK75 torch with HPC High Performance Cutting technology and coaxial cable**
- ✓ **Powerful, compact and light, only 23 Kg**
- ✓ **More productivity thanks to high quality and cutting speed**
- ✓ **Reduced operating costs granted by longer life of the consumable parts**



- ▶ Electronic control for an excellent cutting quality
- ▶ Professional high flow air circulation
- ▶ Pilot arc torch
- ▶ Possibility of cutting grids and perforated lamination sheets
- ▶ Contact cutting possibility
- ▶ "Energy Saving" function to operate the power source cooling fan only when necessary
- ▶ Cutting parameter stability within $\pm 20\%$ mains voltage fluctuations
- ▶ Shockproof and dustproof control rack protection cover
- ▶ Electric protection on the torch for the maximum safety of the operator

CUTTING SPEED CHART



SK75



SKM75



Possibility of CNC automated cutting for SHARK 75-M power source when fitted with SKM75 machine torch



234926



418508



343956



410684



427529



427530



418486

TECHNICAL DATA

| | | SHARK 75 |
|--|-------------|----------------------|
| Input Voltage 50/60 Hz | V | 400-3ph |
| Input Power @ I ₂ Max | kVA | 11 |
| Delayed Fuse (I eff) | A | 16 |
| Power factor / cos φ | | 0,87 / 0,99 |
| Efficiency Degree | % | 85 |
| Current range | A | 20 ÷ 70 |
| Duty Cycle at (40°C) | 100% | A 55 |
| | 60% | A 65 |
| | x% | A 70 (40%) |
| Motorgenerator requirement for full capacity | kVA | 20 |
| Cutting Capacity | Recommended | mm 20 |
| | Maximum | mm 25 |
| | Severance | mm 30 |
| | Piercing | mm 15 |
| Gas supply | | Air / N ₂ |
| Gas Pressure | bar | 5,0 - 5,5 |
| Gas Flow | l/min | 180 ÷ 210 |
| Protection Class | IP | 23 S |
| Dimensions | mm | 390x185x595 |
| Weight | Kg | 23 |

ORDER INFORMATION

| CODE | MANUAL CUTTING |
|----------------|--|
| 004425 | SHARK 75 400V-3 Ph. with SK75 torch - 6 m, 10mm ² / 4m ground cable & kit of spares (343962) |
| 004429 | SHARK 75 400V-3 Ph. with SK75 torch - 12 m, 10mm ² / 4m ground cable & kit of spares (343962) |
| PLASMA TORCH | |
| 022029 | Manual Torch SK75 6 m 70 A |
| 022033 | Manual torch SK75 12m 70A |
| 343956 | Consumable Basic Kit Box for SK75 (Page 23) |
| 343962 | Consumable Starting Kit for SK75: 1 Electrode, 2 Nozzles 70 A, 1 Shield cap |
| ACCESSORIES | |
| 418486 | Compass for SK75 torch |
| 410683 | Wheeled torch holder |
| 418508 | Bevel Tool Kit: guide carriage and circle attachment for straight and bevel cutting |
| 234926 | Transport Trolley CTP 10 |
| 427529 | Compressed air filter |
| 427530 | Filter cartridge. Package of 4 pcs |
| CODE | MECHANIZED CUTTING |
| 004426 | SHARK 75-M 400V-3 Ph. with SKM75 torch 6 m - 10 mm ² / 4 m ground cable |
| 004427 | SHARK 75-M 400V-3 Ph. with SKM75 torch 12 m - 10 mm ² / 4 m ground cable |
| PLASMA TORCHES | |
| 022073 | Machine Straight Torch SKM75 6 m - 70 A with gear rack |
| 022080 | Machine Straight Torch SKM75 12 m - 70 A with gear rack |

Other voltages available on request