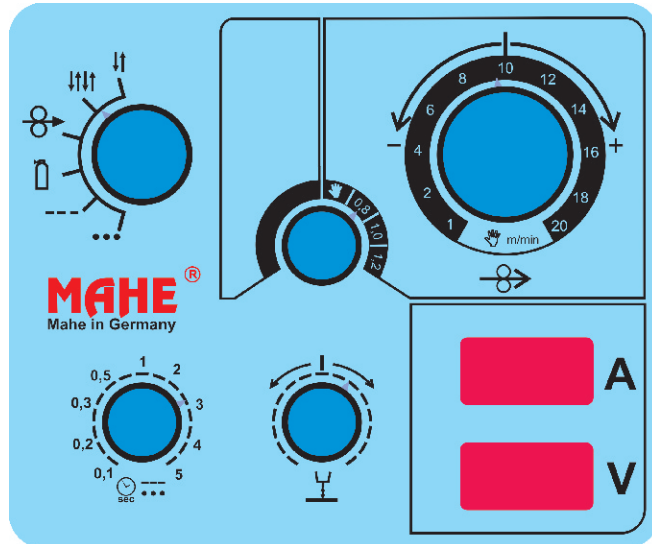


c-MIG

MIG/MAG



Processes

- MIG/MAG welding

Recommended areas of use

- Plant construction
- Automotive industry
- Construction machinery
- Pressure vessel and tank const.
- Machine construction
- Rail vehicles construction
- Shipyard / Offshore
- Steel constructions

Recommended base metals

- Structural steels
- CrNi- steels
- Duplex-steels
- Nickel based materials
- Aluminium-materials

Standard equipment

- 4 roll drive
- 2-Cycle/4-Cycle/Interval/Spotwelding
- Synergy mode
- S-mark, CE-mark
- Thermostat controlled fan
- Thermal protection
- Spool isolation plate
- Display with Hold function for welding current and welding voltage
- No-voltage wire inch

Options

- Accessories-Set (MIG torch, reducing valve, earth cable)

Workshop and production machine for high demands

- **Step switched transformer machine**
- **Dynamic arc control**
- **Spatter-free welding**
- **Digital welding voltage and current display**
- **4 roll drive**
- **Stable case**
- **High dutycycle**

Technical data

EN 60974

| | 250 | 300 |
|------------------------------------|--------------------|------------------|
| Supply voltage | 3x400V, 50/60Hz | 3x400V, 50/60Hz |
| Fusing (slow fuse) | 10A | 16A |
| Main cable | 4x2,5qmm | 4x2,5qmm |
| Main cable Length | 5m | 5m |
| Leistungsfaktor (cos phi) | 0,97 | 0,97 |
| Effektivität | 78% | 78% |
| Welding current range (A) | 20-250A | 20 - 300A |
| Welding voltage range (V) | 15 - 26,5V | 15 - 29V |
| Number of steps | 10 | 12 |
| Max. input power (kVA) | 7,9kVA | 10,5kVA |
| No load voltage U _o (V) | 41V | 41V |
| Peak input current | 11,4A | 15A |
| Effective input current | 7,5A | 9,5A |
| Dutycycle at max. current @40°C | 40% / 250A / 26,5V | 40% / 300A / 29V |
| Current/voltage at 60%DC @40°C | 210A / 24,5V | 250A / 26,5V |
| Current/voltage at 100%DC @40°C | 150A / 21,5V | 190A / 23,5V |
| Recommended generator power | 11,5kVA | 15,1kVA |
| Dimensions (HxWxL) | 840x500x900 | 840x500x900 |
| Weight | 90kg | 110kg |
| Protection class | IP23 | IP23 |
| Cooling capacity | | |
| Tank | | |
| Marks of conformity | CE | CE |
| Safety class | S | S |

MIG