

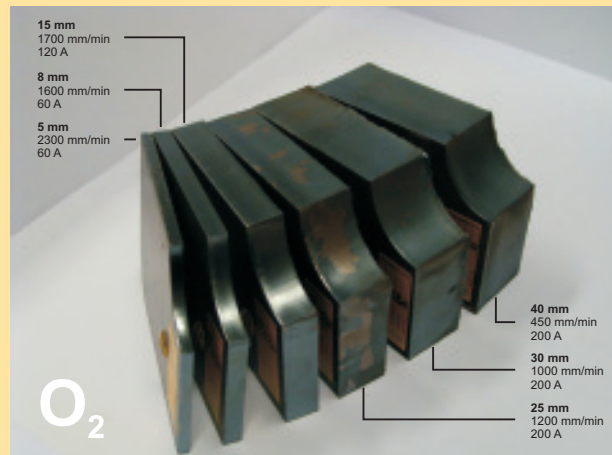
FineFocus 600

The FineFocus 600 was developed in order to meet customers' demands for a good value high-performance plasma system. The all-rounder closes a gap between Kjellberg Finsterwalde's highly valued other FineFocus systems.

The microprocessor-controlled system allows infinitely adjustable current from 40 A to 200 A (100 % duty cycle) and thus, all electrically conductive materials with a thickness from 3 mm to 60 mm can be cut. For cutting mild steel, air or oxygen is used as plasma gas, whereas stainless steel and aluminium are cut with the gas mixture argon/hydrogen.

The innovative and robust 12-pulse thyristor power source particularly stands out due to the excellent price-performance ratio. Furthermore, it is very easy to maintain due to the interface and integrated diagnosis system.

The FineFocus 600 is very well suitable for all metal working industries, like the steel industry, shipyards or steel service centres.



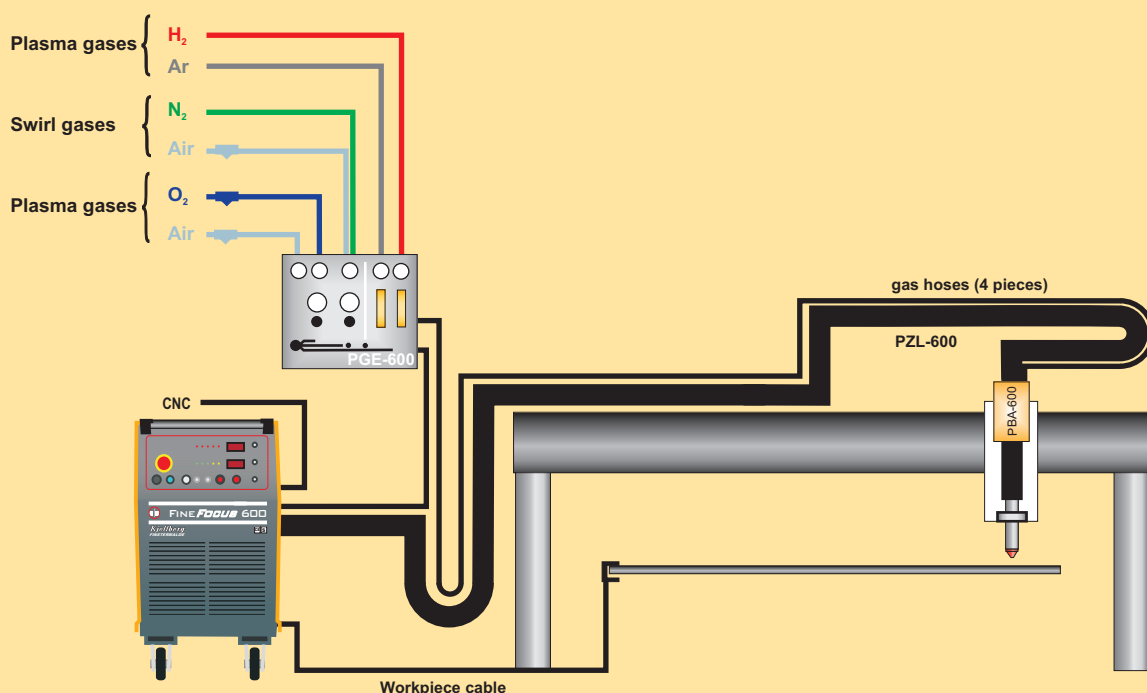
Operating data (extract)¹⁾

| Material thickness (mm) | Mild steel - O ₂ | | Mild steel - Air | |
|-------------------------|-----------------------------|------------------------|---------------------|------------------------|
| | Cutting current (A) | Cutting speed (mm/min) | Cutting current (A) | Cutting speed (mm/min) |
| 3 | 60 | 6000 | 60 | 6000 |
| 6 | 120 | 6500 | 120 | 4500 |
| 8 | 200 | 5000 | 200 | 4400 |
| 10 | 200 | 4500 | 200 | 3200 |
| 12 | 200 | 4000 | 200 | 3000 |
| 15 | 200 | 3500 | 200 | 2600 |
| 20 | 200 | 2300 | 200 | 1800 |
| 25 | 200 | 1700 | 200 | 1200 |
| 30 | 200 | 1000 | 200 | 750 |
| 40 | 200 | 650 | 200 | 400 |
| 50 | 200 | 300 | 200 | 120 |
| 60 | 200 | 250 | 200 | 80 |



¹⁾ Listed cutting speeds are depending on material characteristics, gas parameter, guiding system as well as proper consumables. According to quality requirements cutting speeds may differ.

FineFocus 600 - configuration with PGE-600



Technical Data

| Power source | FineFocus 600 |
|-----------------------------|--|
| Mains voltage ¹⁾ | 400 V; 3 Ph; 50 Hz |
| Connected load, max. | 62 kVA |
| Fuse, slow | 100 A |
| Open circuit voltage | 400 V |
| Cutting current | 40 A up to 200 A, stepless 200 A / 100 % d.c. |
| Protection class | IP 22 |
| Isolation class | F |
| Dimensions (L x W x H) | 1040 x 645 x 1330 mm |
| Weight | 370 kg |
| Plasma torch | PB-S60W |

1) other voltages and frequencies on request

| Plasma torch | PB-S60W |
|-----------------------------|--|
| Max. cutting current | 200 A |
| Duty cycle (d.c.) | 100 % |
| Cutting range ²⁾ | Dry |
| recommended | 3 up to 40 mm |
| Max. thickness | up to 60 mm |
| Piercing | up to 30 mm |
| Plasma gases | Air, O ₂ , Ar, H ₂ |
| Swirl gases | Air, N ₂ |
| Torch cooling | Coolant „Kjellfrost“ |

2) material depending

Kjellberg plasma cutting systems are CE-conform and correspond with the valid guidelines and instructions of the European Union. They are developed and fabricated on basis of following standards and instructions: EN 60974 (VDE 0544). The plasma cutting systems are labelled with the S-sign and therefore applicable to environments with increased hazard of electric shock. The fabrication takes place according to DIN EN ISO 9001. The factory-owned quality assurance comprises piece and cutting performance tests, documented by test certificate.

Our products represent a high level of quality and reliability. We reserve the rights to change design and/or technical specification during the series fabrication. Claims of any kind can not be derived from this prospectus.

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Kjellberg[®]
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