

neo

new – efficient – original



neo makes the Difference

High Cutting Speed – best Quality – low Costs

Kjellberg[®]
FINSTERWALDE

neo: new – efficient – original

High cutting Speed and best quality are no contradiction with plasma cutting units from Kjellberg Finsterwalde.

Further: neo offers long-living consumables, optimised technology and low gas consumption as well as reduced cutting costs and increased productivity.

Advantages

- Highest cut quality
- Significantly increased consumable life
- Robust copper cathodes
- Increased cutting speeds and output
- Extended cutting range
- Reduced cutting costs



Consumables with excellent price-performance ratio



Robust copper cathodes

More Performance: HiFocus neo



neo is the new upgrade of the HiFocus series and is now standard in the plasma cutting units:

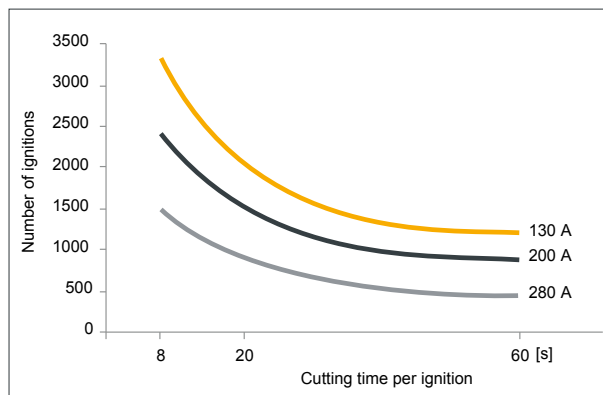
HiFocus 130 neo, HiFocus 161i neo, HiFocus 280i neo, HiFocus 360i neo, HiFocus 440i neo and HiFocus 600i neo.

High speed
+ Best quality
+ Long lifetime
= Low costs

Long-living Consumables

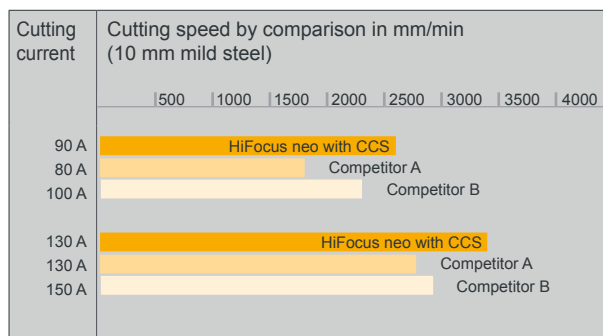
New and economic copper cathodes offer a very long consumable life when cutting mild steel and convince with an excellent price-performance ratio.

Extended cathode life reduces downtime during parts changes and lowers cutting costs.



Higher Cutting Speed

Contour Cut is well suited for cutting of fine contours, small webs and holes in mild steel. It delivers excellent cut quality. Contour Cut Speed (CCS) offers up to 50 % higher speeds at similar quality whenever cutting larger contours. It increases the productivity of cutting process significantly.



Low Cutting Costs

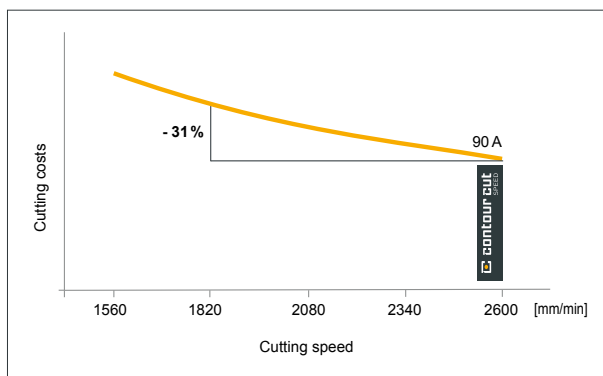
The cutting speed has the most important effect on cutting costs per metre.

Higher cutting speed improves the cutting output and reduces overall cutting costs. A speed increase by 43 % causes cost savings of 31 % compared to a standard plasma cutting unit.

	Cutting speed (mm/min)	Cutting output per shift ⁽¹⁾ (m)	Cutting costs (%)
Standard unit	1810	434	100
HiFocus neo with CCS	2600	624	69

neo makes the difference +43 % +43 % -31 %

⁽¹⁾ 50 % cutting time, eight-hour shift



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Welding Electrodes
Welding Equipment
Cutting Equipment
Mechanical Engineering