

A PRACTICAL PRECISION PLASMA PACKAGE

STINGER PRO CNC CUTTING TABLE + 130HD PLASMA SOURCE

Designed for fabricators who regularly cut 10–20 mm carbon steel.

For this application range, the right process is not defined by maximum power alone.

Cutting quality, operating cost, power demand, gas use and service requirements all matter.

STINGER PRO + 130HD combines a heavy-duty CNC cutting platform with a dedicated precision plasma source for practical mid-thickness carbon steel production.

10–20 MM CARBON STEEL CUTTING



**COMPARE THE PROCESS —
NOT JUST THE POWER RATING.**

Fiber laser remains an important option for thin sheet and fine detail.

For 10–20 mm carbon steel, compare the complete cutting system—not only maximum power.

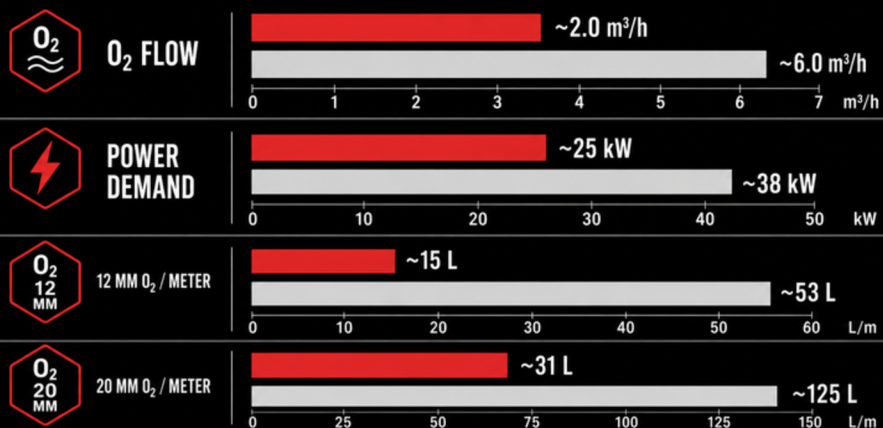
Precision plasma offers a practical balance of performance, operating cost and equipment investment.

RESOURCE USE COMPARISON

130 HD PLASMA VS 6 KW FIBER LASER

■ 130HD Plasma
■ 6 kW Fiber Laser

10–20 mm MILD STEEL CUTTING



UP TO
75%
LESS OXYGEN / METER*



12 MM
~87% LOWER
estimated cutting
cost per meter*



20 MM
~89% LOWER
estimated cutting
cost per meter*

* Indicative comparison based on defined cutting conditions and calculated from published process data. Actual gas consumption, power consumption and cost per meter may vary depending on operating conditions.

130HD CUTTING PERFORMANCE

 DROSS-FREE CUT CAPACITY	16 mm Mild steel
 PRODUCTION PIERCE	30 mm Mild steel
 CUT ANGLE	ISO 9013 RANGE 2–4

CUT SAMPLE – MILD STEEL



 MILD STEEL PROCESS GASES	O₂/Air • O₂/O₂ • Air/Air
 PROCESS AMPS	30–130 A

ONE PACKAGE. CLEARLY DEFINED.



STINGER PRO provides the CNC cutting platform and motion system.



130HD provides the precision plasma cutting power.

Together, they form an integrated cutting package for mid-thickness carbon steel production.



DISCUSS YOUR APPLICATION WITH ARCBRO

Tell us your material, thickness and production requirements.