FM 37982

DRAGON | CUTTING TRACK CARRIAGE

Dragon is intended to transport different types of oxy-fuel cutting torches with a grip diameter 28-35 mm (1-1/8” to 1-3/8”) to perform machine quality cutting and beveling processes in a variety of applications.

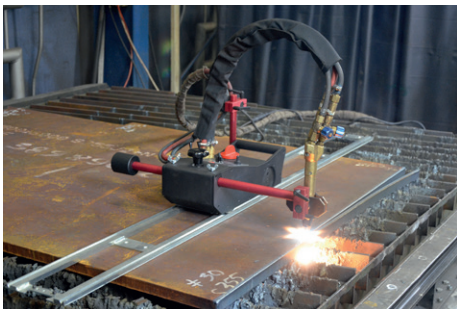
DRAGON for Oxy-Fuel

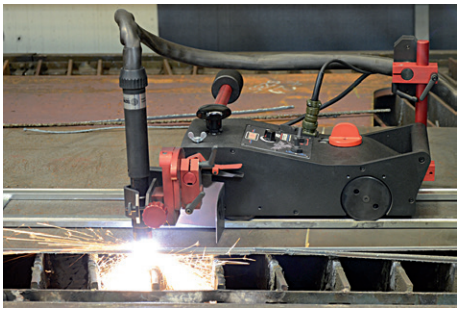
High speed plasma cutting and beveling is available by means of Dragon HS

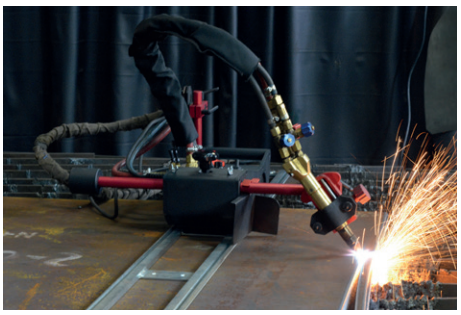
DRAGON HS for plasma

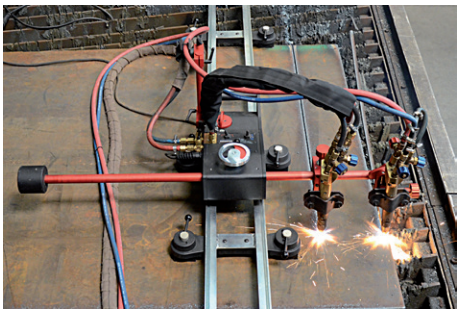
Primary features and benefits:

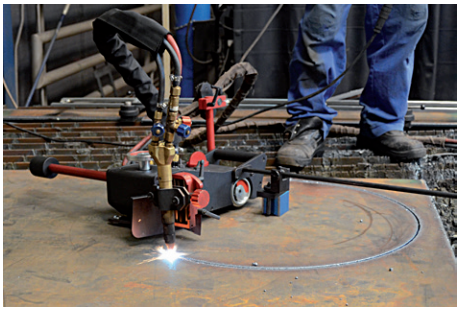
- State-of-the-art, digitally controlled track torch
- Cutting and beveling up to 45° (also parallel by means of 2 torches)
- Quick clamping torch holder for torch diameter from 28 mm to 35 mm
- Advanced speed control system with implemented digital PID regulator
- LED display with readout of actual and set speed, and report messages
- Rigid heat-proof design
- 2-wheel drive with auto – braking drive unit
- Quick drive release switch for easy re-positioning
- Runs on a rail or directly on a workpiece
- Connectable rails to form various lengths
- Wide assortment of optional accessories for variety of applications, like machine barrel torch holders, manifolds, circle cutting attachment etc.





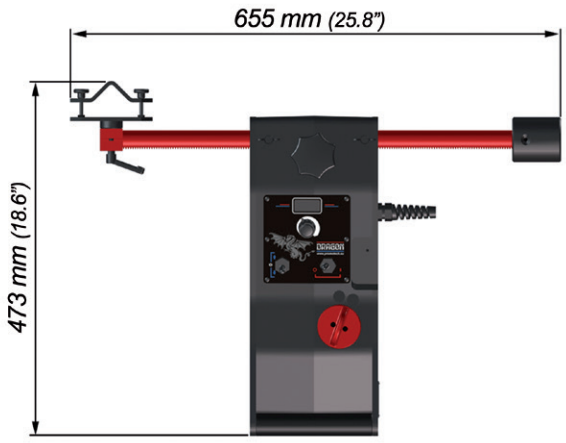






TECHNICAL SPECIFICATIONS		
	Dragon	Dragon HS
Voltage	~ 115–230 V, 50–60 Hz	~ 115–230 V, 50–60 Hz
Power	20 W	20 W
Operating position	horizontal	horizontal
Torch diameter	28–35 mm (1.10–1.38'')	28–35 mm (1.10–1.38'')
Ground clearance	8 mm (0.31'')	8 mm (0.31'')
Speed	0–150 cm/min (0–59 in/min)	10–300 cm/min (4–118 in/min)
Weight	16.8 kg (37.0 lbs)	16.8 kg (37.0 lbs)

Dimensions:



Standard accessories for both Dragon and Dragon HS

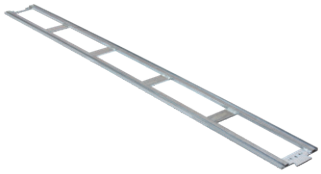
RAM-0525-07-00-00-0
540 mm (21”) Geared Rack

PWG-0475-09-00-00-0
Counterweight 1.3 kg (2.9 lbs)

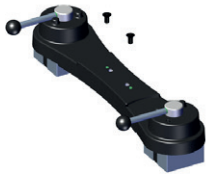
UCW-0475-28-00-00-0
Standard Torch Holder with angle adjustment

Power cord 3 m
(9,7 ft)

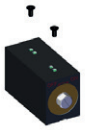
Optional accessories for both Dragon and Dragon HS



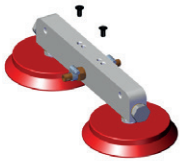
TRO-0475-13-00-00-0
Track Assembly 1800 mm (70,9”)
V” Groove Center Line 152 mm (6”)



ZSP-0475-44-00-00-0
Magnetic Unit



PDS-0582-10-00-02-0
Magnetic Narrow Unit with hexagon



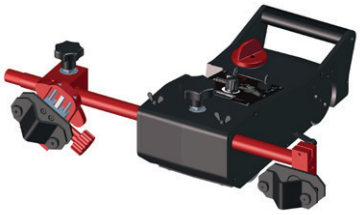
MST-0541-10-02-00-0
Vacuum Modular Unit

ZCS-0475-28-10-00-0
Standard Torch Holder
28–35 mm (1.10–1.38’’)

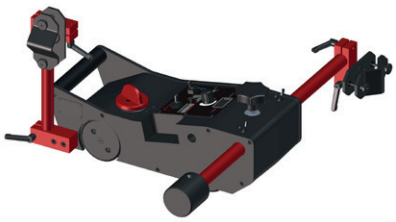
UCW-0475-08-00-00-0
Precise Torch Holder with angle and height adjustment

RAM-0475-23-00-00-0
1000 mm (39.4”)
Geared Rack

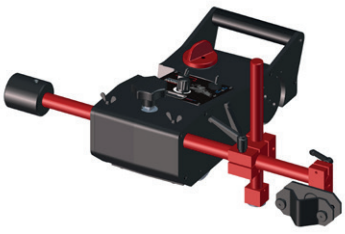
PWG-0475-10-00-00-0
Large Counterweight
2,6 kg (5,7lbs)



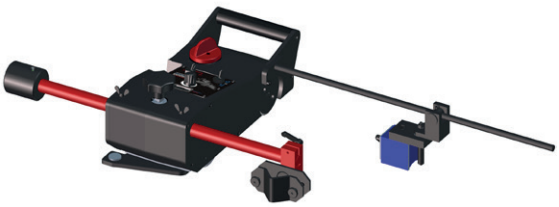
UCW-0475-15-00-00-1
Slide Rack Holder



PDT-0475-34-00-00-0
Cable Anchor



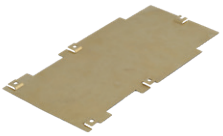
PDT-0475-26-00-00-0
Roller Support



CYR-0475-22-00-00-0
Circle Cutting Attachment

OSL-0475-54-00-00-0
Heat Protection Shield (left)

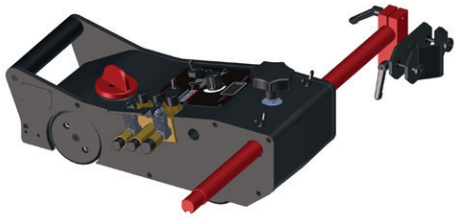
OSL-0475-55-00-00-0
Heat Protection Shield (right)

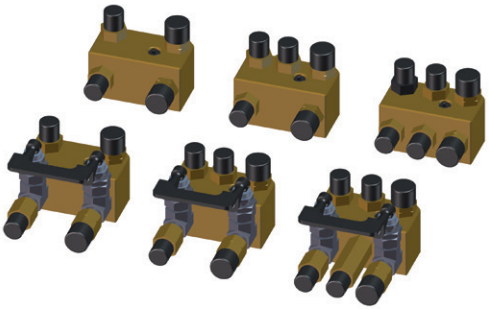


OSL-0475-53-00-00-0
Heat Protection Shield (bottom)

Optional accessories for Oxy-fuel

Gas Manifold type	Metric	Imperial
Manifold 2x2	RZD-0475-64-00-00-0	RZD-0475-68-00-00-0
Manifold 2x3	RZD-0475-63-00-00-0	RZD-0475-67-00-00-0
Manifold 3/3	RZD-0475-74-00-00-0	RZD-0475-73-00-00-0
Manifold 2x2 with cut-off valve	RZD-0475-65-00-00-0	RZD-0475-70-00-00-0
Manifold 2/3 with cut-off valve	RZD-0475-66-00-00-0	RZD-0475-69-00-00-0
Manifold 3/3 with cut-off valve	RZD-0475-72-00-00-0	RZD-0475-71-00-00-0





UCW-0475-61-00-00-0
Machine Barrel Torch Holder
Ø 30 mm (1.18")

UCW-0475-29-00-00-1
Machine Barrel Torch Holder
Ø 35 mm (1.38")

UCW-0475-59-00-00-0
Precise Machine Torch Holder
Ø 30 mm (1.18")

UCW-0475-42-00-00-1
Precise Machine Torch Holder
Ø 35 mm (1.38")

Optional accessories for Plasma (Dragon HS)

ZSP-0475-58-00-00-0
Plasma Arc Ignition

KBL-0475-58-05-00-0
Plasma Arc Ignition Cable

American Welding Society
Supporting Company Member

Mitglied im DVS
DVS – Deutscher Verband für Schweißen und verwandte Verfahren e.V.

More information available at www.promotech.eu

All information is subject to change without notice. 1903

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