

# Laser cutting machine

## ARAMIS LTC-85



### SPECIFICATIONS

#### LASER SOURCE

Laser type	Ytterbium fiber laser
Beam transmission	Via fiber optic cabel
Source power range	1500-6000 W
Emission/cutting modes	Pulse, continuous
Laser emission wavelength	1070 nm

#### MOTION SYSTEM

Kinematic scheme	Portal, the sheet is motionless
Basic version of the working area	1500x3000 m
Motion system	Linear magnetic motor
Desk	Single-pallet configuration

#### ACCURACY PARAMETERS

Positioning accuracy	±0.01 mm
Input increment	1 micron

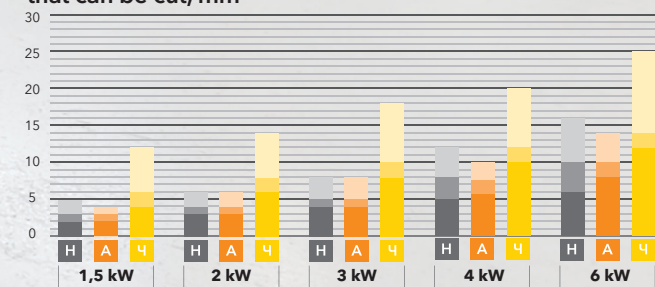
#### CUTTING PARAMETERS

Vector speed (max)	120 m/min
Applicable process gases	Oxygen, nitrogen, argon, compressed air
Number of circuits for process gases connection	2 pcs

#### GENERAL SPECIFICATIONS

Power supply voltage	~350 ± 10%; 50 Hz; 3-phase
Weight of the complex	5500 kg

#### MAX THICKNESS OF THE METAL that can be cut, mm



Material: **H** stainless steel, **A** aluminum, **Q** black steel.  
 \*Color intensity corresponds to cutting speed and quality

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