



SOITAAB IMPIANTI
HEAD QUARTIER | Carugate | Italy



OMNIATECH- for heavy plate fabrication

Cutting - Drilling - Tapping - Milling - Marking

Soitaab strongly believes that market trends are pushing the development of multi-process machines with many different technologies combined into a single system. Soitaab's innovative Omnitech perfectly supports this All-in-One philosophy. By seamlessly integrating all of the fabrication processes into a single unified system, the Omnitech delivers all of the abilities to cut, drill, thread, mill, countersink, and mark in a single machine.

Omnitech meets the highest industry standards for quality, precision, productivity, reliability and ease of use. With the most sophisticated CNC controls and software, Omnitech delivers on the promise of an operator friendly, multi-process, all-in-one plate fabrication system.

Since 1938, Soitaab has been a recognized global leader in industrial cutting machines with over 8500 machine installations worldwide. We offer the best technology at a reasonable investment, all backed by our Gold Medal service, support and training.

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SOITAAB USA

OMNIAtech

CUTTING DRILLING TAPPING MILLING

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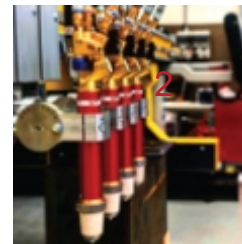
OMNIAtech
All in One





TECHNICAL FEATURES

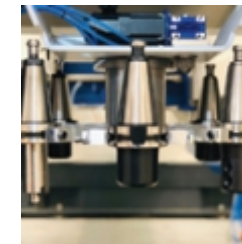
Useful working width (X)	mm feet	2.000 – 2.500 – 3.000 – 3.500 mm and more 6 ½' – 8' – 10' – 11 ½' and more
Useful working Length (Y)	mm feet	6.000 – 12.000 – 24.000 – 36.000 mm and more 20' – 40' – 80' and more
Maximum travel speed (X, Y; Z)	m/min feet/min	40 m/min (X, Y) 10 m/min (Z) 131' /min (X, Y) 131' /min, 33' /min (Z)
Machining tools	mm	350 mm
Auxiliary Axis for machining tool (Y2)	inch	14 " ISO 50
Conical Tool' Connection	mm inch	from 5 to 65 mm from 1/5 to 2-1/2 inches
Drilling diameter range		from M6 to M30 with a direct tool
Tapping range		Higher Tapping range with Interpolated Axis (X, Y2)
Maximum Drilling Thickness	mm inch	120mm 5"
Countersinking		Available
Hole Milling		Available
Surface Milling		Available
Marking		Available
Spindle Power	kW	30 kW
Spindle rotation	rpm	from 100 to 7000 rpm
Spindle Torque	Nm	150 Nm
Tool changer (# of postions)		Standard: 8 tools position Optional up to 20
Tool's cooling/lubricating		Internal and External, CNC controlled
Number of Plasma carriage (bevelincluded)		Up to 2
Number of Oxy flame carriages		Up to 6
Chips exhausting device		Optional
Motion and Drives		Bosch Rexroth



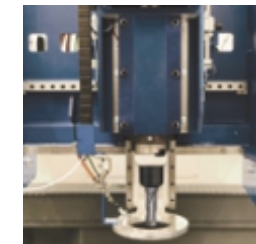
1
FLAME CUTTING BURNER
WITH INTERNAL IGNITION
AND INTEGRATED
HEIGHT CONTROL



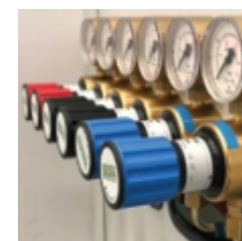
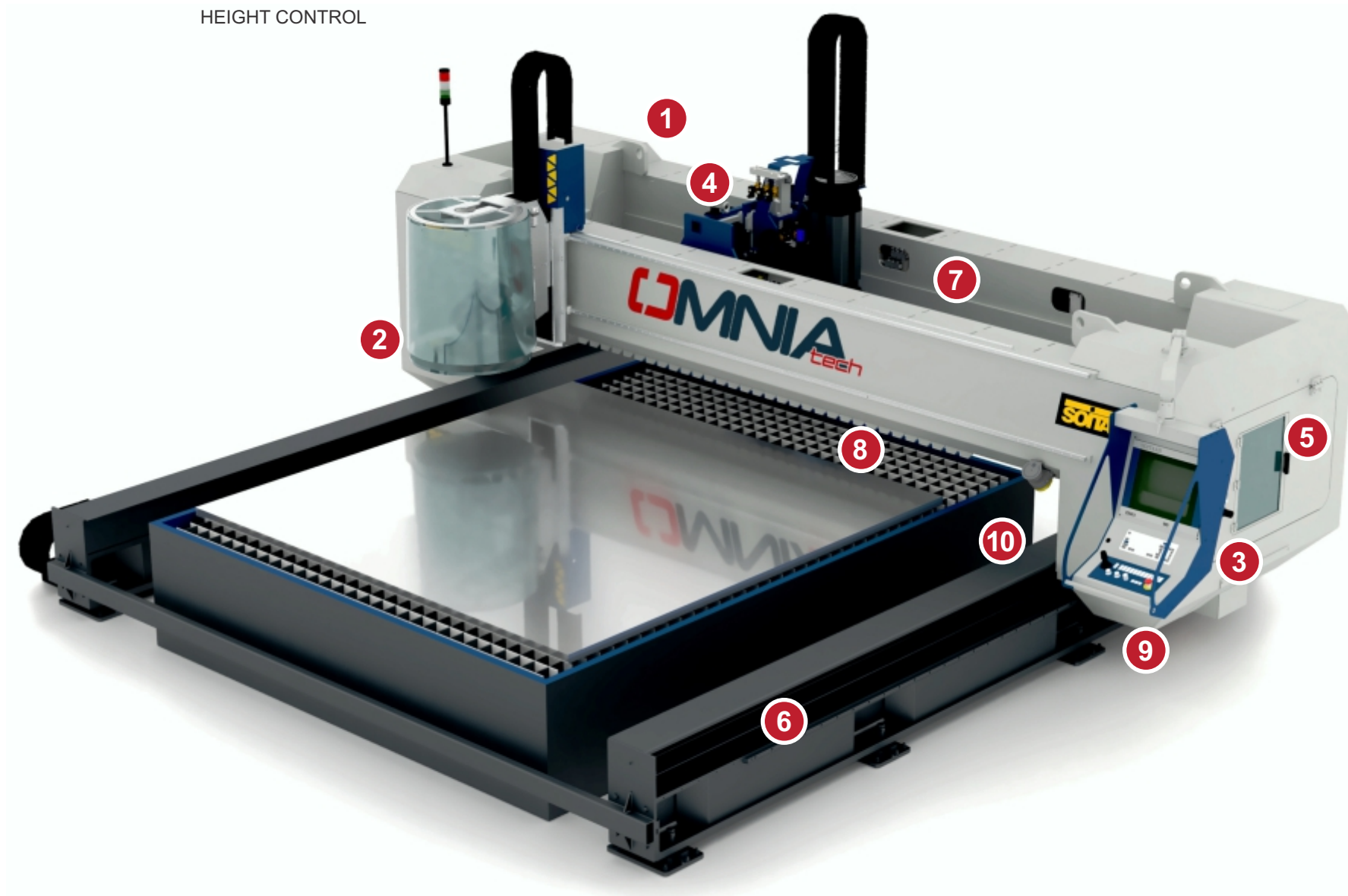
2
PLASMA HEAD
BEVEL SYSTEM



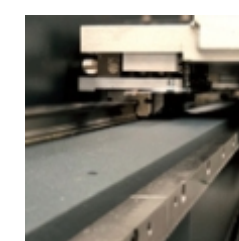
3
FULLY AUTOMATED TOOL
CHANGING SYSTEM



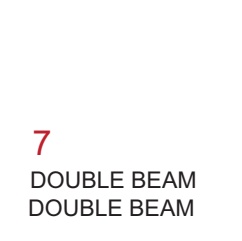
4
MULTIFUNCTIONAL
TOOL SYSTEM



5
GAS DISTRIBUTION
MANIFOLD



6
LINEAR GUIDES ON
STRUCTURAL BEAMS



8
PNEUMATIC SHEET
HOLD DOWN SYSTEM



9
CNC-OPERATOR
CONTOL PANEL

5

3

9

10

8

4

1

7

6