



SWT

Sisma Welding Table



Robust design for high flexibility.

Class I & IV laser systems for welding and mould repairing.
High quality sources, advanced software
and safety features for modular solutions.



sisma

SWT

Welding & Mould Repairing Laser Solutions

Robust design, sturdy working table, no vibrations

Advanced software functions such as welding on circumference, line, filling, rotating spindle management

Evolved ergonomics for outstanding operator comfort

High laser beam quality:
new optical design ensures high performance

Available with fiber laser source:
maintenance free and low power consumption

Internet connection for **remote control**

Design robusto, solido piano di lavoro, nessuna vibrazione

Avanzate funzioni software come saldatura su circonferenza, linea, riempimento, gestione mandrino rotante

Elevata ergonomia e notevole comfort per l'operatore

Alta qualità del fascio laser:
il nuovo design ottico garantisce elevate performance

Disponibile con sorgente laser fibrata:
manutenzione ridotta e bassi consumi

Connessione a internet per **controllo remoto**



Technical Data - Dati Tecnici	SWT100	SWT150	SWT150F*	SWT300F*	SWT450F*
Source type - Tipo di sorgente	Nd:YAG (flash lamp)	Nd:YAG (flash lamp)	Fiber Laser	Fiber Laser	Fiber Laser
Wavelength - Lunghezza d'onda	1064 nm	1064 nm	1070 nm	1070 nm	1070 nm
Average laser power - Potenza media laser	100 W	150 W	150 W	300 W	450 W
Max peak power - Potenza picco max	7,5 kW	10,5 kW	1,5 kW	3,0 kW	4,5 kW
Max pulse energy - Energia impulso max	60 J	75 J	15 J	30 J	45 J
Pulse duration - Durata impulso	0,2 ms - 20 ms	0,2 ms - 20 ms	0,2 ms - 10 ms Continuous	0,2 ms - 10 ms Continuous	0,2 ms - 10 ms Continuous
Laser spot diameter - Diametro spot laser	→	→	0,3 - 2 mm	←	←
X-Y axes stroke - corsa assi X-Y	→	→	300 x 200 mm	←	←
Z axis stroke - corsa asse Z	→	→	320 mm	←	←
Axes speed - velocità assi	→	→	0,1 - 25 mm/s	←	←
Max load weight - Carico massimo	→	→	70 kg	←	←
Max mould size - Dimensione max stampo	→	→	400 x 400 mm	←	←
Dimensions - Dimensioni	→	→	85 x 120 x h150 cm	←	←
Weight - Peso	→	→	530 kg (cl. 4) 560 kg (cl. 1)	←	←
Power supply - Alimentazione	1F 230V±10% 50/60 Hz	3F 380V±10% 50/60 Hz	1F 230V±10% 50/60 Hz	1F 230V±10% 50/60 Hz	1F 230V±10% 50/60 Hz

* Available soon.

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