



ORATEC range



To meet the needs of manufacturers working in hostile environments and help them protect the environment of their products, the Oratec department works with them to develop solutions based on the **ALARA principle** (*As Low As Reasonably Achievable**). To comply with certain constraints, our welding machines can be used in ATEX areas (*EXplosive ATmospheres*).

*As low as reasonably possible

MOTORISED SEALING TONGS



STM 3S 400

STM 3S 500

MANUAL SEALING TONGS



1S series

1S T-series

PAL

SEALERS ISOLATOR OUTLET



S 423 - S 623

MAGNETICS SEALING BARS



BSM 3S

MANUAL OR MOTORISED TABLES



DESSCHAR
(manual)
for 1S/PAL/1S on T

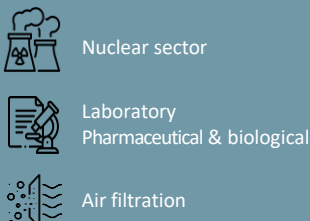
DESSMANU
(manual)
for STM

DESSMOT
(motorised)
for STM

DESSMOT BSM
(motorised)

DESSMOT BSM Made-to-measure
(manual)

Uses



THEY TRUST us

framatome



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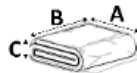
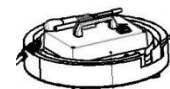
Follow us on the networks !



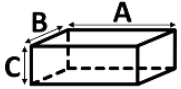
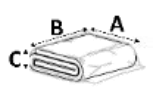
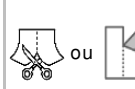
1 year warranty^(*)
(*) Except wear parts

CE Compliance with CE standards

Summary table of technical data :

MODELS										
MOTORISED SEALING TONGS										STM GENERATOR
STM 3S 400	70 x 28 x 15 cm	6 / 8 / 6 (mm)	400 mm	manual	Ø 250 mm	4,5 kg	4 m	600 W	 10 kg  10 m  Ø 43 cm  115 V or 230 V 50/60 Hz  600 W	
STM 3S 412	70 x 28 x 15 cm	6 / 12 / 6 (mm)	400 mm	manual	Ø 250 mm	4,5 kg	4 m	600 W		
STM 3S 416	70 x 28 x 15 cm	6 / 16 / 6 (mm)	400 mm	manual	Ø 250 mm	4,5 kg	4 m	600 W		
STM 3ST 400	70 x 28 x 15 cm	6 / 3+3 / 6 (mm)	400 mm	auto	Ø 250 mm	4,5 kg	4 m	600 W		
STM 3S 500	85 x 33 x 18 cm	6 / 8 / 6 (mm)	500 mm	manual	Ø 300 mm	5,5 kg	4 m	600 W		
STM 3S 512	85 x 33 x 18 cm	6 / 12 / 6 (mm)	500 mm	manual	Ø 300 mm	5,5 kg	4 m	600 W		
STM 3S 516	85 x 33 x 18 cm	6 / 16 / 6 (mm)	500 mm	manual	Ø 300 mm	5,5 kg	4 m	600 W		
STM 3ST 500	85 x 33 x 18 cm	6 / 3+3 / 6 (mm)	500 mm	auto	Ø 300 mm	5,5 kg	4 m	600 W		
MAGNETICS SEALING TONGS										BSM GENERATOR
BSM 3S 600	87 x 12 x 16 cm	6 / 3+3 / 6 (mm)	600 mm	auto	Ø 360 mm	12,30 kg	4,60 m	900 W	 12 kg  10 m  Ø 43 cm  115 V or 230 V 50/60 Hz  900 W	
BSM 3S 700	97 x 12 x 16 cm	6 / 3+3 / 6 (mm)	700 mm	auto	Ø 400 mm	13,20 kg	4,60 m	900 W		
BSM 3S 800	107 x 12 x 16 cm	6 / 3+3 / 6 (mm)	800 mm	auto	Ø 500 mm fûts 118 L	14,10 kg	4,60 m	900 W		
BSM 3S 1000	129 x 12 x 16 cm	6 / 3+3 / 6 (mm)	1000 mm	auto	Ø 630 mm fûts 223 L	16,00 kg	4,60 m	900 W		
SEALERS ISOLATOR OUTLET										
S 423 VM	65 x 33 x 36 cm	6 / 3+3 / 6 (mm)	420 mm	manual	Ø 360 mm	25 kg		500 W	115 V / 230 V	50/60 Hz
S 623 VM	84 x 33 x 36 cm	6 / 3+3 / 6 (mm)	620 mm	manual	Ø 400 mm	28 kg		820 W		

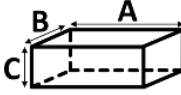
Summary table of technical data :

MODELS															
MANUAL SEALING TONGS									TONG GENERATOR						
1S 353	51 x 6 x 19 cm	350 x 3 mm	manual	Ø 220 mm	1,7 kg				 7,4 kg  10 m  26 x 18 x 23 m (l x L x h)  115 V or 230 V 50/60 Hz  380 W						
1S 358		350 x 8 mm													
1S 352		350 x 12 mm	auto												
1ST 352		350 x 6 (3+3) mm													
1S 403	56 x 6 x 19 cm	400 x 3 mm	manual	Ø 250 mm	2,2 kg	4,5 m	380 W								
1S 408		400 x 8 mm													
1S 402		400 x 12 mm	auto												
1ST 402		400 x 6 (3+3) mm													
1S 503	66 x 6 x 19 cm	500 x 3 mm	manual	Ø 300 mm	2,8 kg										
1S 508		500 x 8 mm													
1S 502		500 x 12 mm	auto												
1ST 502		500 x 6 (3+3) mm													
PAL 1S 416	44 x 36 x 5 cm	400 x 16 mm	manual	Ø 250 mm	2,8 kg	4,5 m	380 W								
PAL 1S 516	54 x 36 x 5 cm	500 x 16 mm		Ø 300 mm	3,4 kg										
1S 102T	15 x 35 x 18 cm	100 x 12 mm	manual		2 kg	4,5 m	380 W								
1S 202T	25 x 35 x 18 cm	200 x 12 mm			2 kg										
1S 258T	30 x 35 x 18 cm	250 x 8 mm			2 kg										
1S 252T	30 x 35 x 18 cm	250 x 12 cm			2 kg										
1S 302T	35 x 35 x 18 cm	300 x 12 mm			2 kg										
1S 402T	45 x 35 x 18 cm	400 x 8 mm			2 kg										



Find out more in the
product sheets !

Summary table of technical data :

MODELS						
MANUALS TABLES - for manual sealing tongs						
DESSCHART + KIT > SEALING TONG 1S > SEALING TONG 1S en T > PAL	50 x 53,3 x 95,5 cm	31,5 x 40,5 cm		14,2 kg		
MANUALS OR MOTORISED TABLES - for STM						
DESSMANU + KIT > STM 3S 400 (ref.KITDESSTM4) > STM 3S 500 (ref.KITDESSTM5)	60 x 60 x 98 cm	36,5 x 59 cm 46,5 x 59 cm	mini/maxi 98 cm / 148 cm	26 kg 27,5 kg		
DESSMOT + KIT > STM 3S 400 (ref.KITDMSTM4) > STM 3S 500 (ref. KITDMSTM5)	65 x 65 x 86 cm	40 x 56 cm 52 x 56 cm	mini/maxi 86 cm / 166 cm	50 kg 52 kg	750 W	115 V or 230 V 50/60 Hz
MOTORISED TABLES - for BSM						
DESSMOT BSM + KIT > BSM 3S 600 > BSM 3S 700 > BSM 3S 800 > BSM 3S 1000	90 x 61 x 76 cm 100 x 61 x 76 cm 110 x 61 x 76 cm 130 x 61 x 76 cm	50 x 40 x 41 cm	mini : 76 cm maxi : 156 cm	55 kg	750 W	115 V or 230 V 50/60 Hz