

The online orbital welding range



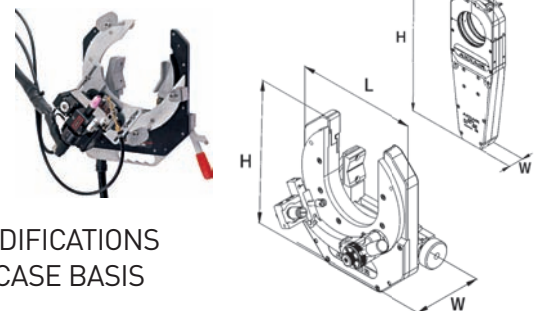
Ref. machine	Diameters range (mm)	Tube thickness (mm)	AVC-OSC-wire options	Weight (kg)	Body's size (mm) h x L x w
SATF range					
SATF-40ND	6→40	0,5→3	-	3,5	316x124x40
SATF-65ND	6→65	0,5→3	-	11	346x154x40
SATF-115ND	25→115	0,5→3	-	13	405x212x40
SATO range					
SATO-80M	10→80	0,9→3	-	2,5	233x216x150
SATO-115M	12→115	1→8*	Available	8	271x263x298
SATO-115NAO	19→115	1→8*	Available	8,8	309x262x219
SATO-170ND	25→170	1→8*	Available	9	349x321x164
SATO-170NAO	25→170	1→8*	Available	10	349x321x219
SATO-220M	38→220	1→8*	Available	14	454x369x166
SATO-220MAO	38→220	1→8*	Available	16,5	454x369x219

*Tube thicknesses of over 3 mm require special bevel preparation and use of the AVC/OSC/wire option SATO

SATF delivered with a welding cable length 5 m and an optional extension 10 m
SATO delivered with 1 torch maintenance kit

Important : The **SATO** and **SATF** require the use of the welding generator unit **SASL-200T** and **SASL-200Txxx**

The **SATO** is useful with contribution of metal option **SADF2** + wire feeder



OUR R AND D DEPARTMENT STUDIES THE ADAPTATIONS OR MODIFICATIONS NECESSARY TO MEET CUSTOMERS' DEMANDS ON A CASE-BY-CASE BASIS

GLOBAL-PROCESS

1 machine = 3 applications

On the same machine,
you just need to change tools to realize
cuts, bevels and welds

Accessories

Thermal printer

For SASL-200 : **SAIMP-02**



AVC/OSC/Wire

Ref. : **SOAF**

AVC/OSC System with Wire

AVC : allows a constant arc length to be maintained over the entire cycle, based on arc tension, even if the tube is distorted

OSC : allows the electrode to be moved in the tube axis so that the bevel can be filled efficiently.

For the **SATO**, use the references with integrated modules (expl : **SATO-115NAO**) to be used with **SADF2**.



Extension beam

Ref. : **SAFS-210**

10 m length for SATF and SATO except with AVC/OSC/wire



Internal Inerting

Ref. : **SKIF-01**

Obligatory for automated orbital welding and for manual welding applications on stainless steel

Gas protection kit to with membranes: Ø 40 to 120 mm

Delivered in a plastic case with: 9 sets of membranes with washers, one 6 m gas hose, 1 metal cable, 1 gas valve with ¼ turn connection, 1 spring hook
Weight: 4 kg



Silicone stopper

Ref. : **SKIB-01**

Silicone stopper kit Ø 6 to 41 mm

Delivered in a plastic case with: 10 sets of perforated stoppers, 1 fitting for gas entry, 1 hose Ø 4/6 and length 5 m
Weight: 1,6 kg



Stainless steel jaw

Special spring stainless steel jaw

Quick assembly without tools

One set for each diameter

Ref. **SMN40-XX** : Ø exterior to be specified (in mm)

Ref. **SMN65-XX** : Ø exterior to be specified (in mm)

Ref. **SMN115-XX** : Ø exterior to be specified (in mm)



Consumables

Electrode consumable

Material : Tungsten, Cerium, Lanthanum

Sharpening : angle 20°

Plane : 0,40 mm for Ø 1,6 and 0,70 mm for Ø 2,4

Surface state : < 32 µ inch

Series SATO/SC:

Ø 1,6 mm, L 50 mm; ref. : **SCE16-50**

Ø 2,4 mm, L 50 mm; ref. : **SCE24-50**



Series SATF:

Ø 1,6 mm, L = XX mm; ref. : **SCE16-XX**

Ø 2,4 mm, L = XX mm; ref. : **SCE24-XX**

Ask the references table

Torch spare kit

Straight torch :

Ø 1,6 mm, ref. : **SKTD-01**

Ø 2,4 mm, ref. : **SKTD-02**

Manual torch:

Ø 1,6 mm, ref. : **SKTM-01**

Ø 2,4 mm, ref. : **SKTM-02**



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