



SERVISOUD

Europe Technologies group

**NEW
PRODUCT**

100%
UPGRADABLE

MADE IN
FRANCE



SERVIBOT - EVOLUTIVE RANGE

**Programmable and standalone carriages
- all positions**

SERVIBOT - EVOLUTIVE RANGE

GLUMAG® EVO and TRACKMAG® EVO are mobile carriages applied to welding and related processes. Carriages operate with high capacity batteries in all positions. Their use is simple and intuitive, as well as compatible with any welding power sources and torches brands. Carriages are provided with a programmable interface allowing stitch welding and tack welding.

EVOLUTIVE RANGE systems allows a quick mechanisation for higher productivity, quality and confort for the operators.

SERVIBOT RC HMI

The EVOLUTIVE range is modular. The main element is a control desk combined with a simple interface or a an user-friendly remote control named SERVIBOT. Remote control provides an advanced interface for programming and guiding/driving. It allows to program an automatics cycles using smart accessories such as additional synchronised axis or track transmission for positionning or weaving. (runners, oscillators). These modules are associated with a main frame with 4-wheels or track transmission, according to the application.



TECHNICAL CHARACTERISTICS

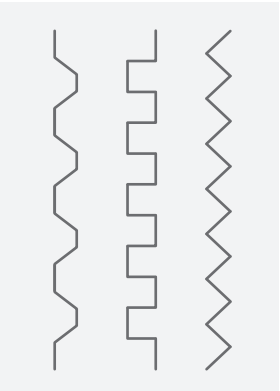
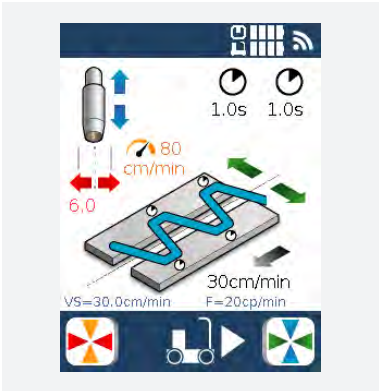
	GLUMAG® EVO	TRACKMAG® EVO	SERVIBOT RC HMI
Driving force	4 wheels drive	Disengageable rack and pinion transmission	
Speed	1-200 cm/min		
Battery supply	Li-Ion - 18 V - 5Ah		Li-Ion
Battery autonomy	10 hours*		8 hours
Magnetic force	28 kg	-	
Torch support	Universal (quick fastenning)		
Guiding	Crabbing rollers	Flexible rail or rigid rail	
Dimensions (L x W x h)	365 x 225 x 310 mm	345 x 220 x 255 mm	
Weight (with battery)	9,1 kg*	7 kg*	400g
Automatic start	Arc sensing (without cable) or torch trigger connection		
Minimum pipe diameter (exterior weld)	1200 mm **	1000mm **	

*evolutive depending on the configuration

**Inferior on demand

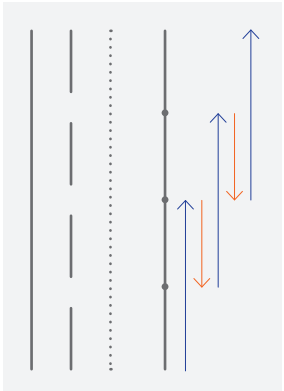
Synchronised weaving for welding :

- Trapeze shape
- Square shape
- Triangle shape



Programming module :

- Stitch welding
- Tack welding
- Back-step welding

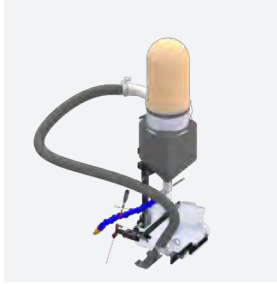


The carriage moves forward 200mm without welding.
The carriage moves back -100mm with welding.

ADAPTABLE PROCESSES

MIG, TIG, submerged arc welding (SAW) - Oxy and plasma cutting - Gouging

GLUMAG® EVO ◀
Kit for submerged arc welding - (filler metal D1.6mm)



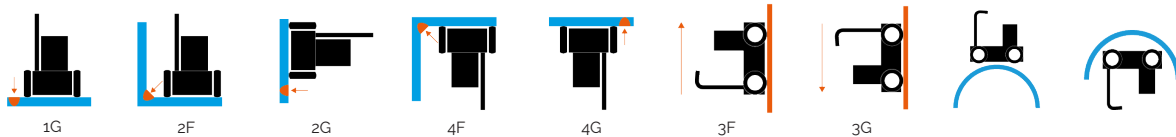
▼ TRACKMAG® EVO with plasma cutting equipment

CARRIAGE ACCESSORIES

- **Axis** : Y/Z linear slideways and oscillators, T pendular oscillator
- **Tools support** : specific arms, vacuum and standard torches holders, arc detector
- **Guiding rails (flexible and rigid)** : magnetic, high degree magnetic, pneumatic
- **Process kits** : MIG-MAG (standard equipment), oxy-cutting, plasma cutting, submerged arc welding (SAW)
- **Supply** : battery 18VDC, power supply unit 110-260VAC/24VDC, generator power supply cable 20-60V DC

[More specification on request...](#)

WELDING POSITIONS



APPLICATION FIELDS



Ship building



Energy



Sheet metal work



Agricultural



Railway

SERVIBOT REFERENCES

- GLUMAG® EVO & TRACKMAG® EVO

SV 921 S MM 11 A	GLUMAG® EVO, double motorisation, Y/Z manual slideways*, Lite remote, speed limit
SV 921 R EE 11 A	GLUMAG® EVO, double motorisation with RC premium remote and Y and Z motorized slideways*
SV 922 S MM 11 A	TRACKMAG® EVO, Y and Z manual slideways*, Lite remote
SV 922 R EE 11 A	TRACKMAG® EVO, Y and Z motorized slideways*, SERVIBOT RC HMI

* delivered with a battery and charger

- Options / Accessories

ART 05679	Makita battery 18V, 5Ah	SV 00191 1100	Standard manuel slideways, stroke 38mm
ART 05680	Makita charger 18V	SV 95800 2000	Linear axis stroke 65mm, cable 250 mm
SV 96000 0001	External power supply 220V	SV 96100 0001	Standard magnetic rail, connectable, 1500 mm
SV 95701 1000	SERVIBOT RC HMI	SV 96100 0002	High temperature rail, connectable, 1500 mm

Discover all our new range and accessories on our website servisoud.com/en

