

## PNEUMATIC TIP DRESSER SRA R RV

Code 99SA-04612 = SRA R RV

Code: **MD\_C04**

Review date: 080529

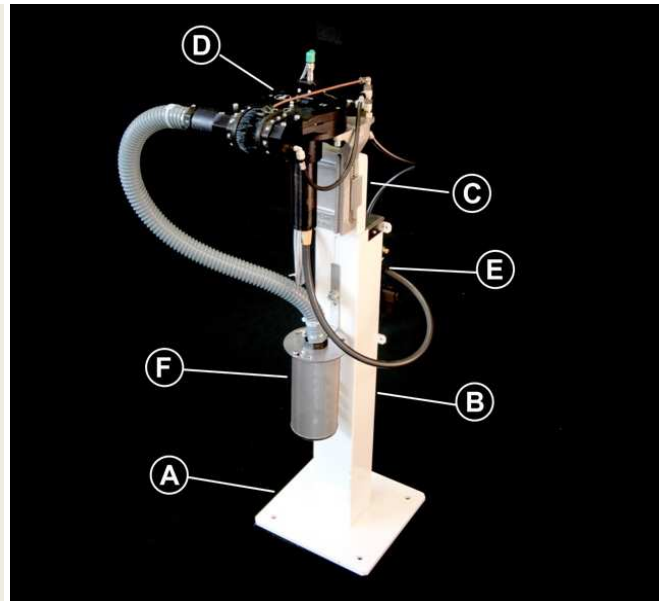
TOTAL QUALITY MANAGEMENT



**RAVITEX®**  
 dressing quality

SRA R RV pneumatic tip-dresser consists of:  
 A : base plate.  
 B : pillar welded to the base plate.  
 C : sliding bar supporting the tip-dresser's head.  
 D : equalised pneumatic tip-dresser's head including a pneumatic motor, a gear train for the transmission of motion to the cutter and the box of the suction device.  
 E : pneumatic group.  
 F : cylindric box for the storage of copper swarves.

The tip dresser's head can be rotated by 90° on the vertical plane, in order to perfect tip-dressing positions.



### APPLICATION: ROBOT WELDING GUNS

In compliance with the Machinery Directive 89/392 EEC

#### OVERALL DIMENSIONS

X (length) = 300 mm  
 Y (width) = 500 mm  
 Z (adjustable height) = 1000 - 1400 mm  
 Overall weight: 26 Kg

#### INTERFACE

Base plate(A)=300x300 mm, 4x Ø 14 holes for M12screws  
 distance between holes 230x230 mm  
 Tip dresser's head = 4x M10 screws  
 distance between holes 40x40 mm.

#### ELECTRIC AND PNEUMATIC CONNECTIONS

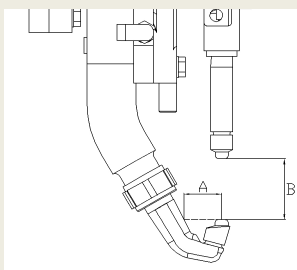
Pneumatic motor power = 0.400 Kw @ 6 bar  
 Voltage sensors/ solenoid valve=24 VDC  
 Air supply = 5-8 bar - ISO 8573 Class 3.4.3  
 Motor air consumption = 900 l/min @ 6 bar  
 Air plug = Ø 3/8"  
 Air supply pipe = minimum inner Ø 10 mm  
 Suction device air consumption = 450 l/min @ 6 bar

Before supplying air, purge water and impurities from the pneumatic circuit.

#### TIP DRESSER'S FEATURES

Distance cutter center - carter edge= 30 mm  
 Tip-dresser's head height H = 20 mm  
 Cutter rotation speed loadless= 200 rpm  
 Cutter rotating direction= clockwise  
 Tip-dresser's head equalization height= +/- 10 mm  
 Standard cutter holder gear= 0614-02357

#### COLLISION CHECK WELDING GUN – TIP-DRESSER



DIMENSION  
(mm)

HEAD  
MODEL

B ≥ 23

Minimum  
dimension for  
all tip-  
dressers  
heads

31 ≤ A < 43

DELTA RV

A ≥ 43

DELTA

A ≤ 31

Advise with  
Sinterleghe

#### MAINTENANCE

Lubrication = permanent  
 Tip-dresser/tip changer's head = multipurpose grease with PTFE  
 Swarves tray = empty once every 15 days

RAVITEX® Pneumatic and electric tip-dressers, as well as the automatic tip changer are designed and assembled using interchangeable parts, thus reducing the number of pieces and spare parts costs.

#### STANDARD COLOUR SCHEME

Structural steelwork = RAL 9010 white

#### WARRANTY

12 months, spare and wearable parts excluded.

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# SINTERLEGHE s.r.l.

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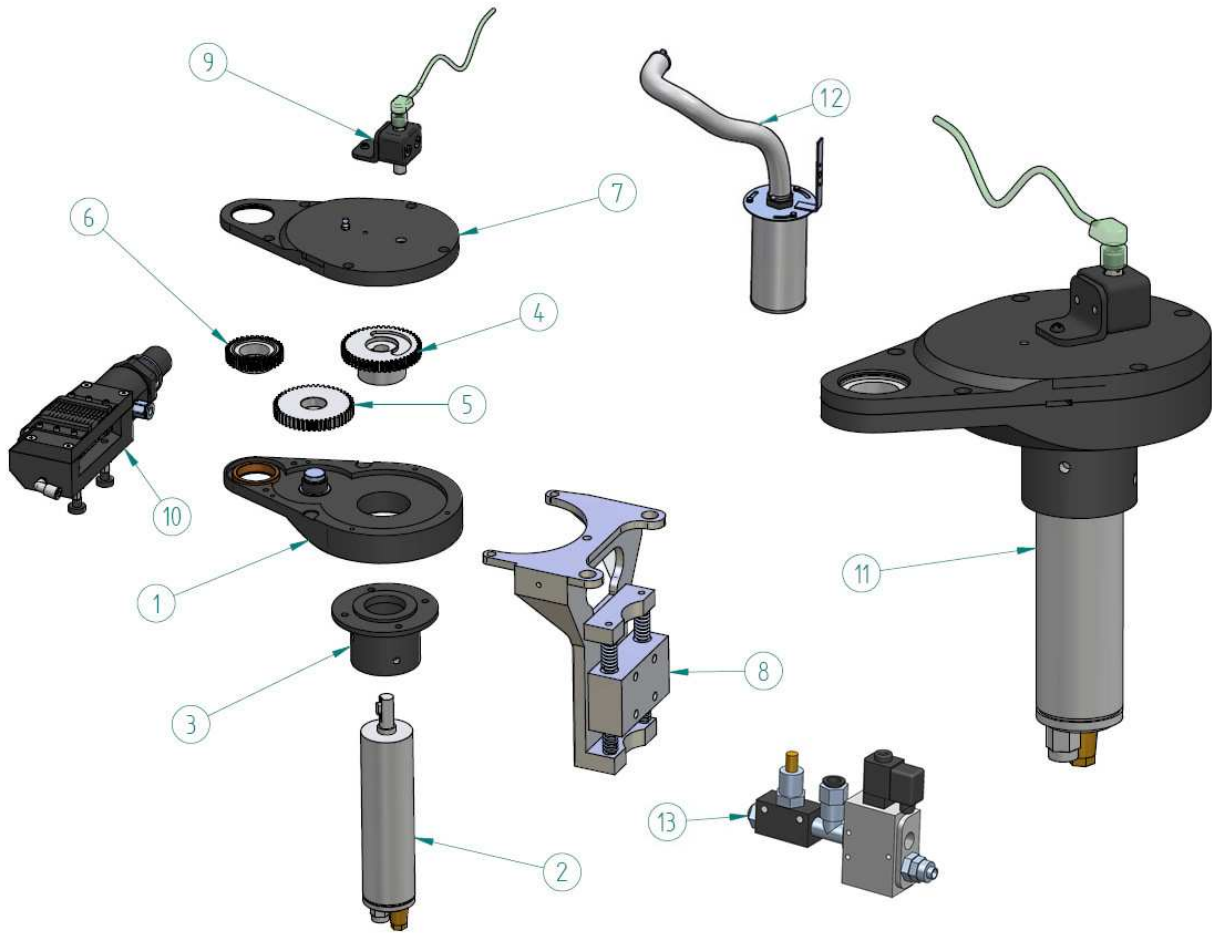
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POS.	SRA RV TIP DRESSER'S HEAD SPARE PARTS	CODE	PCS.
1	LOWER CARTER SRE RV WITH BUSH AND PIVOT	28RA-04635	1
2	PNEUMATIC MOTOR M22 RIGHT ROTATION (DELTA)	07P5-03947	1
3	MOTOR HOLDER TUBE SRA DELTA	10HD-03227	1
4	MOTOR GEAR SRE RV	0614-02358	1
5	NEUTRAL GEAR SRE RV	0614-02356	1
6	CUTTER HOLDER GEAR SRE RV FOR RFA BUSHES	0614-02357	1
7	UPPER CARTER SRE RV WITH BUSH	28RA-04636	1
8	HEAD SUPPORT WITH EQUALIZATOR	28HM-03381	1
9	SENSOR GROUP WITH CABLES	29RI-04401	1
10	SUCTION DEVICE RV WITH CONNECTIONS	29RI-04799	1
11	PNEUMATIC RV TIP DRESSER'S HEAD WITH SENSOR	29RI-04863	1
12	CYLINDRICAL SWARVES TRAY WITH PIPE	29RI-04826	1
13	SRA DELTA SOLENOID VALVE AND FLOW REGULATOR KIT	19RA-04700	1

**SINTERLEGHE** s.r.l.