



**LINCOLN**<sup>®</sup>  
**ELECTRIC**



**SELECTION BEST  
OF **AUTOMATION**  
AND **AIR TREATMENT****

[www.lincolnelectriceurope.com](http://www.lincolnelectriceurope.com)

# Automatic cutting machine LINC-CUT S



	1 LINC-CUT S 1020 w	2 LINC-CUT S 1530 w	3 LINC-CUT S 1530 d
Plate size (mm)	1000 x 2000	1500 x 3000	1500 x 3000
Max plate load (kg)	355	710	1500
Max scrap capacity (kg)	160	320	1440
Steel and stainless steel cutting	Yes	Yes	Yes
Aluminum cutting	No	No	Yes
Sizes (L x W x H in mm)	2400 x 3200 x 1600	2400 x 4200 x 1600	2550 x 4500 x 1400
Weight (kg)	650	850	1800
Table technology	Water	Water	DownDraft
Filtration technology	Water	Water	DIGIFILTER
Water capacity (liters)	260	490	-
Power demands		1 x 230VAC - 50/60Hz - 4A	

## Power Sources



	A TOMAHAWK® 1538	B FLEXCUT® 125
Output range (A)	10 - 100	10 - 125
Rated output 100% (A)	60	125
Power demands 50/60Hz (VAC)	3 x 400 - 23A	3 x 400 - 40A
Air pressure required (Bars)	6.0 - 7.5	6.2 - 8.2
Air flow rate in automatic mode (l/min)	180	260
Sizes (mm)	455 x 301 x 118	526 x 311 x 648
Weight (kg)	35	53.5
Plate piercing (mm)	20	25
Manual torch	Included	Option

# Choose your LINC-CUT S installation

## LINC-CUT S 1020 & 1530w water table version



	LINC-CUT S 1020w	LINC-CUT S 1530w	LINC-CUT S 1020w	LINC-CUT S 1530w
	with TOMAHAWK® 1538		with FLEXCUT® 125	
Machine	AS-CM-LCS1020WTH80	AS-CM-LCS1530WTH80	AS-CM-LCS1020WF125	AS-CM-LCS1530WF125
Installation (1 day)	X-CS-DAY	X-CS-DAY	X-CS-DAY	X-CS-DAY
Training (1 day)	XEUTRAINING-A	XEUTRAINING-A	XEUTRAINING-A	XEUTRAINING-A
Pneumatic marker option	TMS-203-1000-24	TMS-203-1000-24	TMS-203-1000-24	TMS-203-1000-24
Bevel cutting option	AS-CM-07007240	AS-CM-07007240	AS-CM-07007240	AS-CM-07007240
Additional license option	AS-CP-LCSCADCAM2	AS-CP-LCSCADCAM2	AS-CP-LCSCADCAM2	AS-CP-LCSCADCAM2

## LINC-CUT S 1530d extraction table version



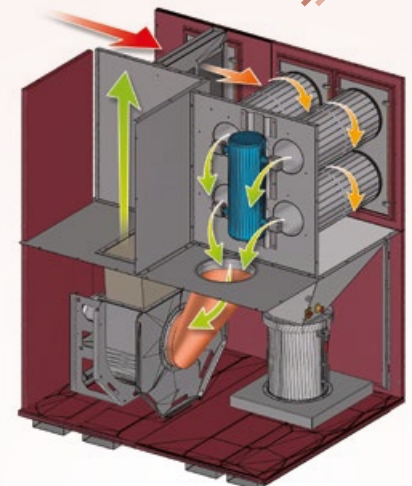
	LINC-CUT S 1530d	
	with TOMAHAWK® 1538	with FLEXCUT® 125
Machine	AS-CM-LCS1530DTH80	AS-CM-LCS1530DF125
Installation (3 days)	3 x X-CS-DAY	3 x X-CS-DAY
Training (2 days)	2 x XEUTRAINING-A	2 x XEUTRAINING-A
Option 1: filtration with DIGIFILTER	EM61000529	EM61000529
Option 2: extraction with fan	EM61000531	EM61000531
Duct kit (for options 1 or 2)	EM61000530	EM61000530

### Other options for LINC-CUT S 1530d

Pneumatic marker option	TMS-203-1000-24
Bevel cutting option	AS-CM-07007240
Additional license option	AS-CP-LCSCADCAM2
Personal layout	AS-CM-07007506
CE Electrical cabinet	AS-CM-06942339

Suction and filtration with DIGIFILTER: 4 PTFE polyester membrane cartridges, a dust storage drum, automatic cartridge cleaning, or simple suction with fan extractor.

	<b>A</b> DIGIFILTER	<b>B</b> FAN
Supply (VAC)	3 x 400 - 50/60Hz	
Air flow (m³/h) / Vacuum	4000 / 2400Pa	4200 / 1400Pa
Power (kW)	5.5	3
Weight (kg)	1050	78
Filtration surface (m²)	60	-



# Automatic cutting machine LINC-CUT S

## Parts and consumables for TOMAHAWK® 1538

Description	Part number	Item
<b>Torch and accessories</b>		
LC100M AUTO TORCH 7.5m	AS-CS-07007361	<b>A</b>
LC100M AUTO TORCH 15m	AS-CS-07007362	<b>A</b>
LC 105 MANUAL TORCH 7.5m	PTH-101A-CX-7M5A	<b>B</b>
LC 105 MANUAL TORCH 15m	PTH-101A-CX-15MA	<b>B</b>
LC105 CONSUMABLES STARTER KIT	W03X0893-115A	<b>C</b>
LC100M CONSUMABLES STARTER KIT	BK12849-SK	<b>C</b>
TOMAHAWK® 1538 FOR AUTOMATION equipped with: <ul style="list-style-type: none"> <li>• Automatic interface including real arc voltage feedback</li> <li>• Manual torch LC105 with set of consumables</li> </ul>	AS-CS-07007360	-
STRAIGHT PLUG SOLID SHELL	95S12020-59	-
<b>Consumables LC100M (auto torch)</b>		
O-RING .750 ID X .061W SILICONE 70A	BK1110-100147	-
ELECTRODE LC100M (5 pcs)	BK12849-3	<b>D</b>
SWIRL RING LC100M (2 pcs)	BK12849-9	<b>E</b>
NOZZLE PRECISION CUT LC100M (5 pcs)	BK12849-11	<b>F</b>
NOZZLE 40A LC100M (5 pcs)	BK12849-4	<b>F</b>
NOZZLE 60A LC100M (5 pcs)	BK12849-5	<b>F</b>
NOZZLE 80A LC100M (5 pcs)	BK12849-6	<b>F</b>
RETAINING CAP CONTACT CTP LC100M	BK12849-22	<b>G</b>
SHIELD NOZZLE PRECISION CUT LC100M (2 pcs)	BK12849-18	<b>H</b>
SHIELD NOZZLE 40A LC100M (2 pcs)	BK12849-14	<b>H</b>
SHIELD NOZZLE 60A-80A LC100M (2 pcs)	BK12849-15	<b>H</b>
<b>Consumables LC105 (manual torch)</b>		
ELECTRODE LC105 manual (5 pcs)	W03X0893-60A	<b>D</b>
SWIRL RING LC105 manual (2 pcs)	W03X0893-70R	<b>E</b>
NOZZLE 40A LC105 manual (5 pcs)	W03X0893-61A	<b>F</b>
NOZZLE 60A LC105 manual (5 pcs)	W03X0893-62A	<b>F</b>
NOZZLE 80A LC105 manual (5 pcs)	W03X0893-63A	<b>F</b>
NOZZLE 100A LC105 manual (5 pcs)	W03X0893-64A	<b>F</b>
RETAINING CAP LC105 manual	W03X0893-66A	<b>G</b>
SHIELD NOZZLE 40A-100A (LC105 manual) (2 pcs)	W03X0893-67A	<b>H</b>



LC105

LC100M



# Automatic cutting machine LINC-CUT S

## Parts and consumables for FLEXCUT® 125

Description	Part number	Item
<b>Torch and accessories</b>		
LC125M AUTO TORCH 7.5m	K4300-4	<b>A</b>
LC125M AUTO TORCH 15m	K4300-5	<b>A</b>
LC125M AUTO TORCH 22.5m	K4300-6	<b>A</b>
LC125M CONSUMABLES STARTER KIT	BK14300-SK	<b>B</b>
FLEXCUT®125 CE	K4811-2	-
FLEXCUT® 125 STRAIGHT BACK PLUG	95S12020-59	-
<b>Consumables LC125M</b>		
TORCH O-RING <i>(Blue)</i>	BK500024	-
FRONT ISOLATOR LC125M	BK14300-18	<b>C</b>
ELECTRODE 45A-125A LC125M <i>(5 pcs)</i>	BK14300-1	<b>D</b>
SWIRL RING 45A-125A,LC125M <i>(2 pcs)</i>	BK14300-13	<b>E</b>
NOZZLE 45A LC125M <i>(5 pcs)</i>	BK14300-7	<b>F</b>
NOZZLE 65A LC125M <i>(5 pcs)</i>	BK14300-8	<b>F</b>
NOZZLE 85A LC125M <i>(5 pcs)</i>	BK14300-9	<b>F</b>
NOZZLE 105A LC125M <i>(5 pcs)</i>	BK14300-10	<b>F</b>
NOZZLE 125A LC125M <i>(5 pcs)</i>	BK14300-11	<b>F</b>
RETAINING CAP 45A-125A LC125M <i>(1 pc)</i>	BK14300-14	<b>G</b>
RETAINING CAP 45A-125A CTP LC125M <i>(1 pc)</i>	BK14300-15	<b>G</b>
SHIELD CAP 45-65A LC125M <i>(2 pcs)</i>	BK14300-3	<b>H</b>
SHIELD CAP 85-105-125A LC125M <i>(2 pcs)</i>	BK14300-4	<b>H</b>



# High Definition plasma cutting

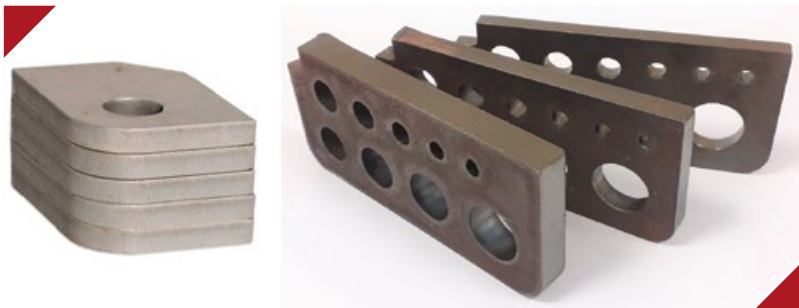
## FINELINE® HD 170 and 300A



The FINELINE® High-Definition plasma cutting system offers excellent cut quality.

If you plan to stay technically up to date, and more importantly, stay ahead of the market, you have need for quality cuts, fast production rate and low cost from the first cut permanently.

Inverter technology available in 170 and 300A, for quality cutting on steel up to 45mm, on stainless steel up to 35mm and on aluminum up to 30mm.



## NERTAJET HPi 450 and 600A

This installation is designed for cutting heavy thicknesses with dry plasma or water vortex processes. Everything on this system is designed to work in the harshest conditions while guaranteeing optimal cutting quality and ease of use, thanks in particular to its integrated database.

Quality cutting on steel up to 50mm, on stainless steel up to 110mm and on aluminum up to 80mm.



# Total solution provider for cutting applications



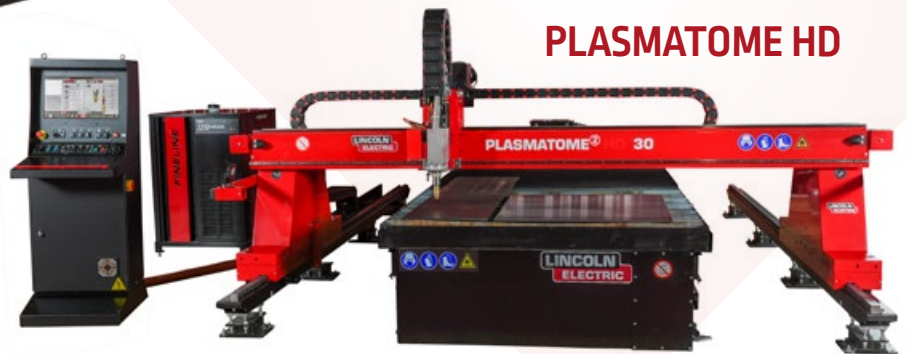
**OPTITOME 2**



**EUROTOME 2**



**OXY/PLASMATOME 2**



**PLASMATOME HD**

## Advanced functions

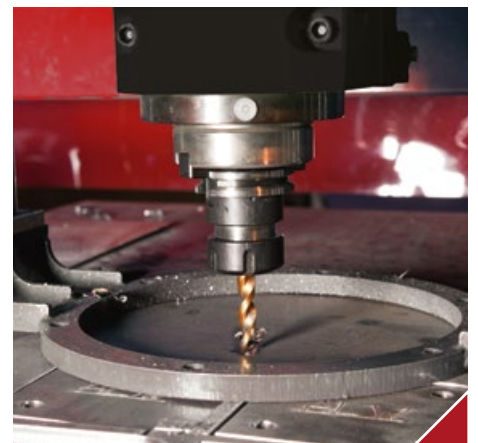
**Tube cutting**



**3D beveling**



**Drilling**



# Positioners light range

## POSIMATIC - 50 to 200kg



	1 P1E	2 P2E
Reference	W000315254	W000315256
Load all positions / or horizontal (kg)	50 / 100	200 / 200
Rotation speed (tr/min)	0.2 - 5	0.25 - 5
Tilt torque (m.kg)	4.5	40
Rotation torque (m.kg)	2	4
Max. tilting angle	135°	135°
Supply 1 x 230/400VAC - 50/60Hz		
Input current	0.4A	0.7A
Ground connection	400A 60%	400A 60%
Sizes (H x L x W) in mm	385 x 397 x 300	500 x 650 x 440
Plate diameter (mm)	Ø 300	Ø 400
Center hole diameter (mm)	Ø 28	Ø 35
Weight (kg)	30	60
125mm mandrel (weight 4.5kg)		W000315315
125mm mandrel adaptor	W000275304	W000400522
250mm mandrel (weight 26kg)		W000274993
250mm mandrel adaptor	W000275310	W000275311

### To order

POSIMATIC P1E with 125mm mandrel	W000315254 + W000315315 + W000275304
POSIMATIC P1E with 250mm mandrel	W000315254 + W000274993 + W000275310
POSIMATIC P2E with 125mm mandrel	W000315256 + W000315315 + W000400522
POSIMATIC P2E with 250mm mandrel	W000315256 + W000274993 + W000275311



# Positioners medium range

## POSIMATIC PS - 300 to 3000kg with digital speed display



	PS03	1 PS08	PS15	2 PS30
Reference	W000385391	W000385392	W000385393	W000385394
Load all positions (kg)	300	800	1500	3000
Rotation speed (tr/min)	0.2 - 3	0.16 - 2.4	0.14 - 1.8	0.1 - 1.5
Tilt torque (m.kg)	100	280	550	1300
Rotation torque (m.kg)	35	120	225	450
Max. tilting angle	135°	135°	135°	135°
Supply 1 x 230/400VAC - 50/60Hz Input current	2A	3.6A	4.4A	8A
Ground connection	500	500	1 000	1 000
Sizes (H x L x W) in mm	660 x 1150 x 915	848 x 1551 x 959	1051 x 1759 x 1214	1222 x 1683 x 1580
Plate diameter (mm)	Ø 600	Ø 800	Ø 1000	Ø 1200
Center hole diameter (mm)	Ø 40	Ø 40	Ø 40	Ø 40
Weight (kg)	350	1100	1900	2100
125mm mandrel (weight 4.5kg)	W000315315	-	-	-
125mm mandrel adaptor	W000400522	-	-	-
250mm mandrel (weight 26 kg)		W000274993		-
250mm mandrel adaptor		W000400523		-
315mm mandrel (44 kg)		W000274994		-
315mm mandrel adaptor		W000400524		-
400mm mandrel (80 kg)		W000274995		-
400mm mandrel adaptor		W000400525		-

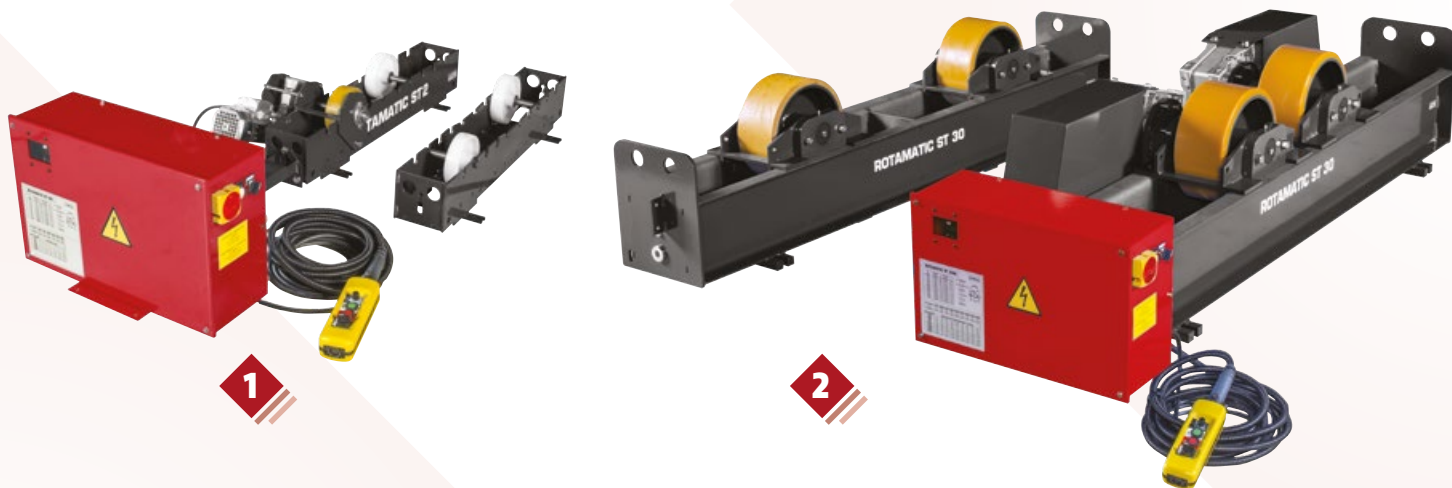
### Examples to order

POSIMATIC PS03 with 250mm mandrel      W000385391 + W000274993 + W000400523

POSIMATIC PS15 with 400mm mandrel      W000385393 + W000274995 + W000400525

# Single roller beds range

## ROTAMATIC - 2 to 30 tonnes with digital display



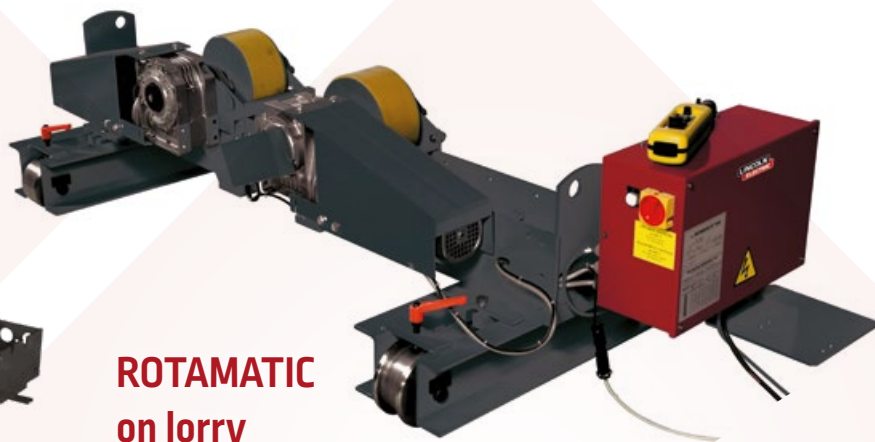
	1 ST 2	ST 6	ST 15	2 ST 30
Single motorisation reference	W000315289	W000315297	W000315304	-
Double motorisation reference	W000315288	W000315296	W000315303	W000315309
Idler reference	W000315291	W000315298	W000315305	W000315310
Single motor. tube version reference	W000315290	-	-	-
Max. Load capacity <i>(drive + idler)</i> [kg]	2000	6000	15000	30000
Max. Load capacity <i>(drive)</i> [kg]	1000	3000	7500	15000
Peripheral speed <i>(cm/min)</i>	12 - 120			
Shell diameter <i>(mm)</i>	30 - 2500	300 - 3500	300 - 4000	350 - 4500
Wheel dimension <i>(OD x width)</i> [mm]	Ø 150 x 50	Ø 250 x 75	Ø 250 x 110	Ø 350 x 150
Wheel material	Polyurethane <i>(Polyamide only for idler ST2)</i>			
Supply 3 x 400VAC 50/60Hz Input current	2.5A	3.6A	3.6A	5.5A
Weight <i>(kg)</i> Rotator S. motorisation	106	213	325	-
Rotator D. motorisation	122	243	365	531
Idler	30	125	245	369
Foot pedal	W000273453	W000273453	W000273453	W000273453
Manual lorry without motorisation <i>(1 per section)</i>	W000274920	W000272574	W000272574	W000272574
Set of railway 3m	W000315251	W000315251	W000315251	W000315251
Set of railway 6m	W000315250	W000315250	W000315250	W000315250

# Single roller beds range

**ROTAMATIC ST2  
tube version**



**ROTAMATIC  
on lorry**



## Examples to order

	<b>ROTAMATIC ST2 tube version on lorry and 3m railway</b>	<b>ROTAMATIC ST6 single motorisation and 2 idlers</b>	<b>ROTAMATIC ST15 double motorisation and 2 idlers on lorry and 9m railway with pedal</b>
Rotator	W000315290	W000315297	W000315303
Idler	W000315291	2 x W000315298	2 x W000315305
Lorry	2 x W000274920	-	3 x W000272574
Railway	W000315251	-	W000315251 + W000315250
Pedal	-	-	W000273453

## Other special versions on request



# Total solution provider for positioning applications



**POSITIONERS  
TPE**

1500 to 10000kg



**POSITIONERS  
APSi PRO**

750 to 35000kg



**HEAVY ROLLER BEDS**

and **FIT UP**

30 to 200T

**HEADMATIC 2 axis**

2000 to 30000kg



**HEADMATIC**

**3 axis**

750 to 10000kg



**SELF ALIGNING ROLLER BEDS**

12 to 250T

# MIG/MAG welding carriages range

## WELDY CAR

### WELDY CAR 2.0 PRO

Reference with charger and battery	AS-PM-T0550200
Welding speed [cm/min]	1 to 180
Welding mode / Movement	Programing / Arc detection Continuous / Intermittent
Supply	On battery 18V
Autonomy without oscillator with oscillator	20 hours 8 hours
Magnetic attraction [kg]	28
Sizes (L x W x H) in mm	365 x 260 x 310
Weight without option / with option [kg]	9 / 12
<b>A</b> Magnetic rail 1.5 m	AS-PP-T0550207
End of rail magnet	AS-PP-T0550109
<b>B</b> 2 guiding arms for 2G position	AS-PP-T0550208
<b>C</b> Pendular oscillator	W000315474
<b>D</b> Linear oscillator	W000276068
Mounting kit for linear oscillator	AS-PP-T0550105
<b>E</b> Tilttable torch holder 0 to 45°	AS-PP-T0550201
<b>F</b> Harness holder	AS-PP-T0550203
<b>G</b> 4 aluminum wheels kit (for surface temperature > 70°C)	W000401721
Holder for 2 <sup>nd</sup> torch	W000384545
Fume extraction torch holder Ø 22-30mm	AS-PS-T0550004
Innershield K115 - K116 torch holder Ø 10-12mm	AS-PS-T0550002
Hyperfill torch holder Ø 40mm (delivered with harness holder F)	AS-PS-T0550006
2 end switches Kit	AS-PP-T0550202
LED Lighting	AS-PP-T0550104
Load balancer (for roof and cornice applications)	AS-PP-T0550116
Additional battery	AS-PP-T0550100
Additional charger	AS-PP-T0550101



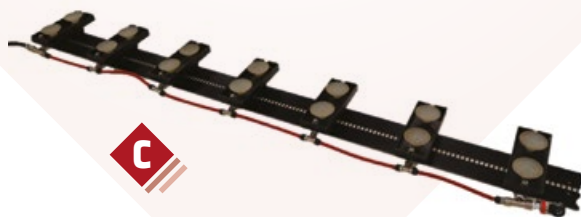
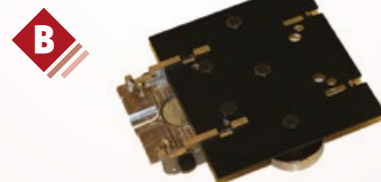
# MIG/MAG welding carriages range

## WELDY RAIL



### WELDY RAIL 2.0 PRO

Reference with charger and battery	AS-PM-T0550100
Welding speed (cm/min)	1 to 180
Welding mode / Movement	Programing / Arc detection Continuous / Intermittent
Supply	On battery 18V
Autonomy	without oscillator 20 hours with oscillator 8 hours
Sizes (L x W x H) in mm	345 x 220 x 255
Weight without option / with option (kg)	8 / 11
<b>A</b> Magnetic rail 0.75m	AS-PP-T0550108
<b>A</b> Magnetic rail 1.5m	AS-PP-T0550107
<b>B</b> End of rail magnet	AS-PP-T0550109
<b>C</b> Pneumatic rail 1.5m	AS-PP-T0550115
<b>D</b> Kit of rail stop	AS-PP-T0550113
<b>E</b> Pendular oscillator	W000315474
<b>F</b> Linear oscillator	W000276068
Mounting kit for linear oscillator	AS-PP-T0550105
Harness holder	AS-PP-T0550103
Fume extraction torch holder Ø 22-30mm	AS-PS-T0550004
Innershield K115 - K116 torch holder Ø 10-12mm	AS-PS-T0550002
Hyperfill torch holder Ø 40mm (delivered with harness holder F)	AS-PS-T0550006
LED Lighting	AS-PP-T0550104
Load balancer (for roof and cornice applications)	AS-PP-T0550116
Additional battery	AS-PP-T0550100
Additional charger	AS-PP-T0550101




# MIG/MAG welding carriages range

## WELDY POCKET



### WELDY POCKET

Reference with charger and battery	W000274909
Welding speed [cm/min]	15 to 120
Supply	On battery 9.6V
Autonomy	5 hours
Magnetic attraction [kg]	15
Sizes (L x W x H) in mm	240 x 140 x 220
Weight [kg]	5
 Arc protection & fume extraction cover	W000401727
Additional battery	W000275069
Additional charger	W000275070

## WELDY STIFFENER

### WELDY STIFFENER

Reference version for A = 60 to 160mm with charger and battery	W000401717
Reference version for A = 120 to 320mm with charger and battery	W000401718
Welding speed [cm/min]	15 to 180
Supply	On battery 14V
Autonomy	6 hours
Sizes (L x W x H) in mm	500 x 500 x 500 500 x 500 x 600
Weight [kg]	16
Additional battery	Z91300106
Additional charger	Z91300107



# Robotic welding: LINC-COBOT

The Linc-Cobot on a cart is easily transportable to the work area. In platform version the open working zone in the front allows you to personalize the area. Air-cooled torch version for conventional use at 300A @ 100% or water-cooled torch for intensive use at 450A @ 100%.



**COMPACT VERSION  
ON CART**

**CUSTOMIZED VERSION  
ON PLATFORM**

TO ORDER CART VERSION	Cart	Cart + Tooling table H28	Cart + Software pack**	Cart + Table + Software pack**
LINC-COBOT™ CART Air torch LE550	AS-RM-2461-3	AS-RM-91506402	AS-RM-91506401	AS-RM-91506403
LINC-COBOT™ CART Water torch LE550	AS-RM-91506460	AS-RM-91506462	AS-RM-91506461	AS-RM-91506463
LINC-COBOT™ CART Water torch BW500	AS-RM-91506096	AS-RM-91506422	AS-RM-91506421	AS-RM-91506423
LINC-COBOT™ CART water torch FX500*	AS-RM-91506098	AS-RM-91506442	AS-RM-91506441	AS-RM-91506443
Sizes	1672 x 800mm			
Weight	470kg for air version / 500kg for water version / +120kg for tooling table			
Supply	3 x 400VAC - 50/60Hz - 22kVA			

TO ORDER PLATFORM VERSION	Platform	Platform + Advanced Module	Platform + Software pack**	Platform + Module + Software pack**
LINC-COBOT™ PLATFORM Air torch LE550	AS-RM-91506100	AS-RM-91506502	AS-RM-91506501	AS-RM-91506503
LINC-COBOT™ PLATFORM water torch LE550	AS-RM-91506560	AS-RM-91506562	AS-RM-91506561	AS-RM-91506563
LINC-COBOT™ PLATFORM water torch LE550 Hyperfill™	AS-RM-91506580	AS-RM-91506582	AS-RM-91506581	AS-RM-91506583
LINC-COBOT™ PLATFORM Water torch BW500	AS-RM-91506106	AS-RM-91506522	AS-RM-91506521	AS-RM-91506523
LINC-COBOT™ PLATFORM Water torch FX500*	AS-RM-91506110	AS-RM-91506542	AS-RM-91506541	AS-RM-91506543
Sizes	1480 x 1000mm			
Weight	640kg for air version / 670kg for water version			
Supply	3 x 400VAC - 50/60Hz - 22kVA			

\* FX500 is a fume extraction torch to be used with linc-Extractor

\*\* The software pack provides 3 advanced functions : Touch sensing, multi-pass and through arc seam tracking



# LINC-COBOT : POWER WAVE® R450 processes & options

The Power Wave® R450 is a welding source designed for robotics and automatic with very good welding qualities, and ease communication to meet intensive production requirements, increase productivity and process monitoring.

Three-phase inverter source for pulsed MIG welding of carbon steels, stainless steels and aluminum.

It delivers 450A at 100% (500A at 60%).

The Power Wave® platform offers a truly intelligent by giving you a real picture of all of your welding operations.

In standard version, the welding processes are :

- **MIG/MAG CV**

Conventional MIG/MAG process



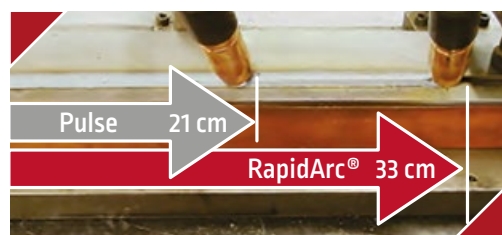
- **Precision Pulse™**

The waveform is capable of producing an extremely concentrated arc at a lower voltage. This process gives more control over where droplets transfer, pool formation and heat input.



- **Rapid Arc®**

Designed to increase productivity by reducing cycle time, weld speed can be up to 50% faster than traditional pulse, with 15% less spatter.



- **Hyperfill™ process**

A patented two-wire MAG solution that uses only one power source and a wire feeder with the 2 wires in a single torch. The control of weld pool is facilitated, the deposition rate increased, hence a increased productivity and a reduction in the number of passes.



- **The Advanced Module** offers other welding synergies such as:

- Rapid X®, for improvement productivity.
- AC polarity, for productivity and quality on aluminum.
- The STT®, for root passes.

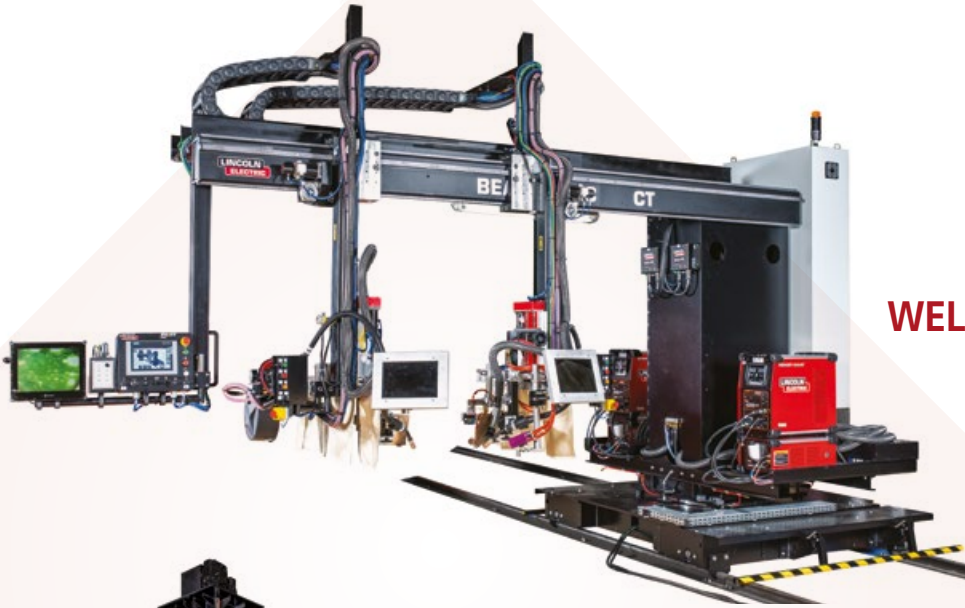
### For fume extraction solutions

refer to:

- page 21 for Linc-Extractor
- page 23 for Mobiflex



# Total solution provider for welding applications



**WELDING GANTRIES**



**WELDING  
COLUMN & BOOMS**



**ROBOTIC WELDING CELLS**



**SA WELDING CARRIAGES**

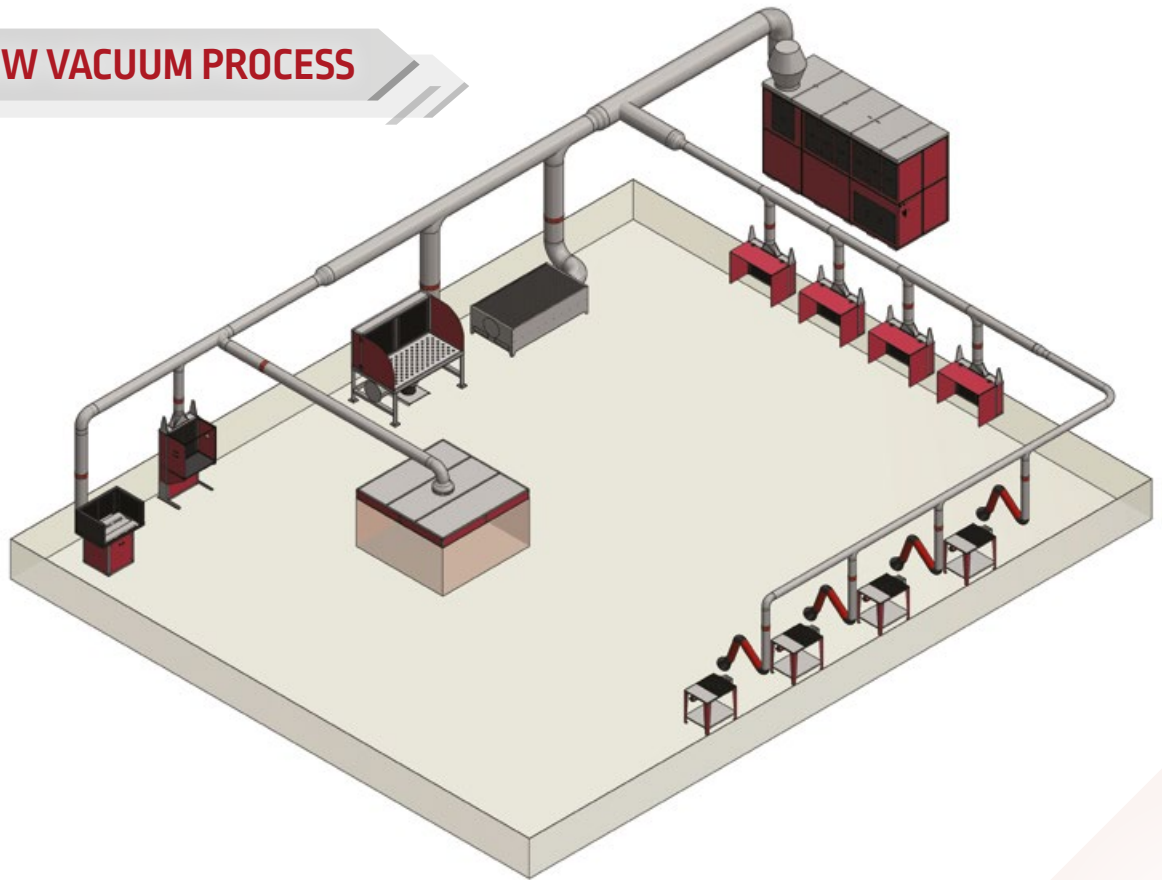


**WELDING SEAMERS**

# Total solution provider for air treatment applications

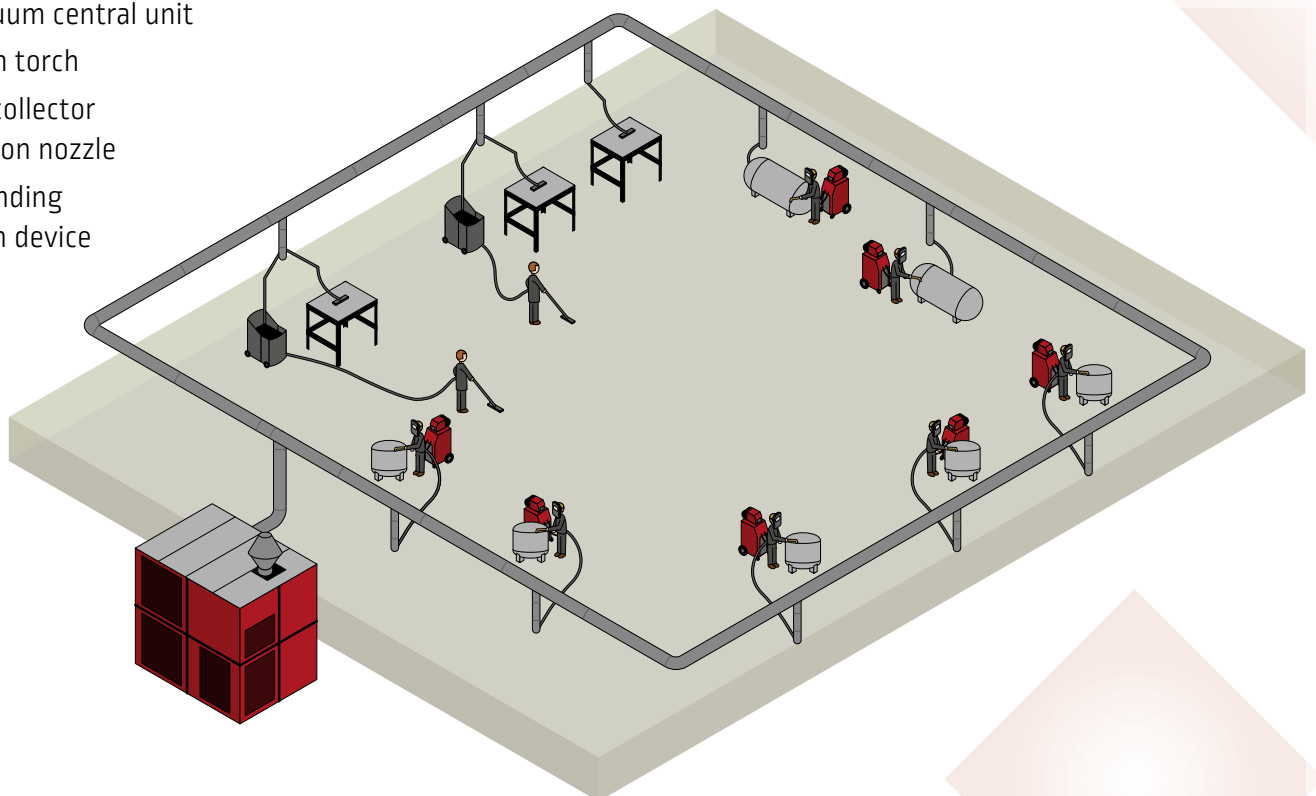
## CENTRALISED LOW VACUUM PROCESS

- Extraction panel
- Extraction arm
- Work table
- Extraction hood
- Down-draft cutting or grinding table



## CENTRALISED HIGH VACUUM PROCESS

- High-vacuum central unit
- Extraction torch
- Laminar collector & extraction nozzle
- Floor-standing extraction device



# Individual turbine and TIG torches

## TE 15

		TE 15	
Reference	EM61000428		
Application	TIG Torch		
Metal pre-filter	YES		
Current sensor	YES		
Supply (VAC)	3 x 400 - 50/60Hz		
Power (kW)	2.2		
Max flow rate (m <sup>3</sup> /h)	80		
Max vacuum (Pa)	25000		
Weight (kg)	36		
Ø of connection Inlet / outlet (mm)	38 / 80		
Inlet hose	Ø 38mm	5m	EM61000410
	Ø 38mm	10m	EM61000411



## LINC-TORCH FX



**RL:** Metal blade trigger module



**EB:** Single-button trigger module



AIR

4m      8m

**LTFX 17R:**  
in DC 140A @ 35%  
in AC/DC 100A @ 35%

LINC-TORCH FX 17R RL

EM61000412

EM61000416

LINC-TORCH FX 17R EB

EM61000414

EM61000418



WATER

4m      8m

**LTFX 30W:**  
in DC 320A @ 100%  
in AC/DC 230A @ 100%

LINC-TORCH FX 30W RL

EM61000420

EM61000424

LINC-TORCH FX 30W EB

EM61000422

EM61000426

# Individual turbines and MIG/MAG torches



**TE 35**

		<b>TE 35</b>
Reference		<b>W000278334</b>
Application		MIG/MAG torch
Metal pre-filter		YES
Current sensor		YES
Fine polyester filter		NO
Frequency converter and HMI screen		NO
Pressure reducer filter		NO
Supply (VAC)		3 x 400 - 50/60Hz
Power (kW)		3
Max flow rate (m <sup>3</sup> /h)		310
Max vacuum (Pa)		30000
Weight (kg)		51
Ø of connection Inlet / outlet (mm)		50 / 80
Inlet hose	Ø 50mm 5m	<b>W000402140</b>
	Ø 50mm 10m	<b>W000402142</b>

## LINC EXTRACTOR



**LINC EXTRACTOR**

		<b>LINC EXTRACTOR</b>
Reference		<b>EM61000624</b>
Application		TIG & MIG/MAG torch
Metal pre-filter		YES
Current sensor		YES
Fine polyester filter		YES
Frequency converter and HMI screen		YES
Self-cleaning		Auto or manual
Pressure reducer filter		YES
Supply (VAC)		3 x 400 - 50/60Hz
Power (kW)		3
Max flow rate (m <sup>3</sup> /h)		310
Max vacuum (Pa)		30000
Weight (kg)		97
Ø of connection Inlet / outlet (mm)		38 or 50 / 80
Inlet hose	Ø 38mm 5m	<b>EM61000410</b>
	Ø 38mm 10m	<b>EM61000411</b>
	Ø 50mm 5m	<b>W000402140</b>
	Ø 50mm 10m	<b>W000402142</b>

## LINC-GUN FX

**DF: Dual Flow.** Button which enables the welder to decide to change the extraction power according to the type of weld.



**AIR**

**3m 4m 5m**

**LGFX 2R:**  
in CO<sub>2</sub> 250A @ 60%  
in Ar/CO<sub>2</sub> 225A @ 60%

LINC-GUN FX 2R	EM61000322	EM61000323	EM61000324
LINC-GUN FX 2R DF	EM61000337	EM61000338	EM61000339



**AIR**

**LGFX 4R:**  
in CO<sub>2</sub> 400A @ 60%  
in Ar/CO<sub>2</sub> 320A @ 60%

LINC-GUN FX 4R	EM61000325	EM61000326	EM61000327
LINC-GUN FX 4R DF	EM61000340	EM61000341	EM61000342



**WATER**

**3m 4m 5m**

**LGFX 4W:**  
in CO<sub>2</sub> 360A @ 100%  
in Ar/CO<sub>2</sub> 320A @ 100%

LINC-GUN FX 4W	EM61000329	EM61000330	EM61000331
LINC-GUN FX 4W DF	EM61000344	EM61000345	EM61000346



**WATER**

**LGFX 5W:**  
in CO<sub>2</sub> 450A @ 100%  
in Ar/CO<sub>2</sub> 410A @ 100%

LINC-GUN FX 5W	EM61000332	EM61000333	EM61000334
LINC-GUN FX 5W DF	EM61000347	EM61000348	EM61000349

# Ergonomic booms for torches and wire feeders



	ERGOMIG 2D	AEROMIG 3D	
		Manual hydraulic	Electrical hydraulic
	<b>Fixed height</b>	<b>Adjustable height using hydraulic cylinder</b>	
Size 20-10	W000340215	EM61000354	EM61000357
Size 30-10	W000340216	EM61000355	EM61000167
Size 40-20	EM61000633	EM61000631	EM61000632
Stand for boom 20-10 / 30-10	W000379448	W000379444	
Stand for boom 40-20	W000379449	W000379447	
Connectors and compressed air kit		W000340253	

	Boom 20-10	Boom 30-10	Boom 40-20
Range (in mm)	3100	4450	6000
Permissible load at the end (kg)	70	70	40
Welding bundle length required (m)	10	10	15

# Mobile filtration units

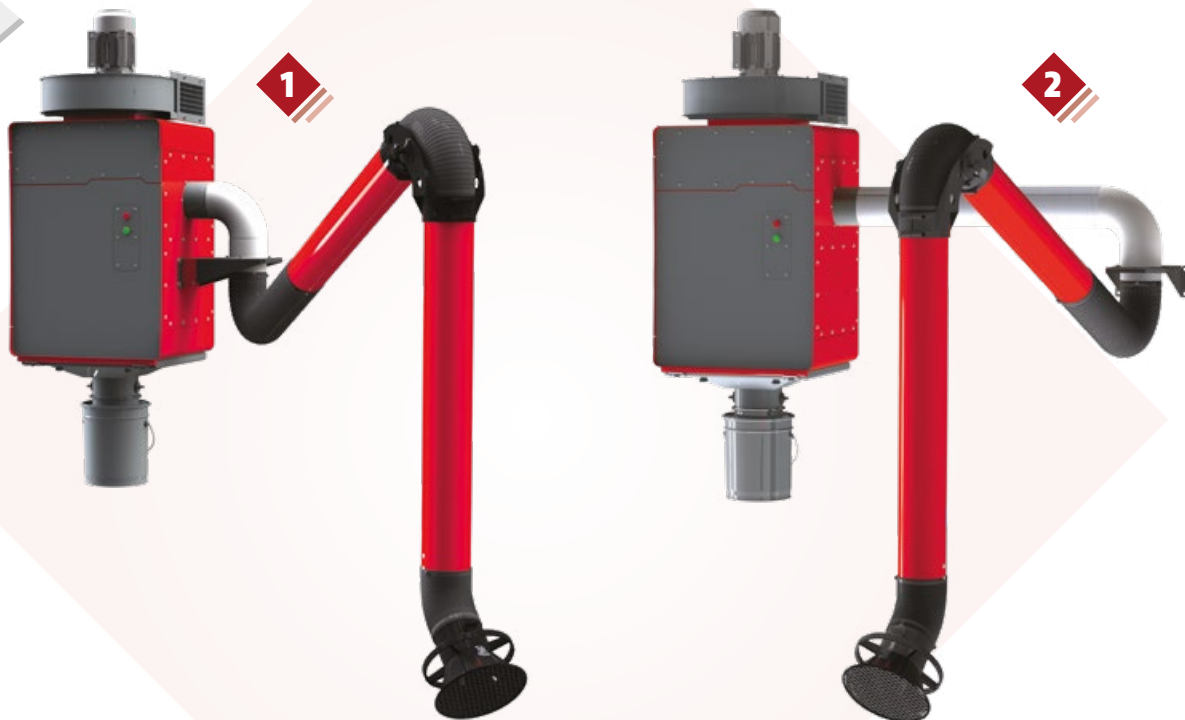


	1 MOBIFILTER 1600	2 MOBIFLEX 200 M HC	2 MOBIFLEX 400 MS
Supply 1 x 230VAC	W000377938	EM0000119512	EM7045400700
Supply 3 x 400VAC	W000377937	EM0000119493	EM7045300700
ECOFLEX arm - 3m	W000341029	-	-
ECOFLEX arm - 4m	W000341031	-	-
Polyarticulated arm - 3m	W000341032	-	-
Polyarticulated arm - 4m	W000341033	-	-
LFA 3.0 arm - 3m	-		EM7925160180
LFA 4.0 arm - 4m	-		EM7925210180
LFA 3.1 arm - 3m*	-		EM7925170180
LFA 4.1 arm - 4m*	-		EM7925220180
Activated carbon filter	W000380758		EM9850070060
LED lamp kit	W000342209		EM7900010110
Automatic on/off	Included		EM7900010190
Outdoor discharge kit	W000380765	Included	-
Ø 160mm hose - 5m		W000380641	-
Ø 160mm hose - 10m		W000380642	-
Ø 160mm hose - 15m		W000380643	-
Set of 6 flat clamps Ø 160mm		EM61000370	-
Max flow rate (m <sup>3</sup> /h)	1400	1250	1200
Power (kW)	1.5	0.75	0.75
Filter surface (m <sup>2</sup> )	40	50	30
Self cleaning	NO	NO	YES

\* LFA 3.1 or 4.1 arms are with internal balance system

# Filters for fixed machines

## WALLFLEX



	WALLFLEX			
	1 Compact 1 arm	Compact 2 arms	2 Separated 1 arm	Separated 2 arms
Reference	EM61000376	EM61000377	EM61000378	EM61000379
Silencer	W000342137	W000342142	W000342137	W000342142
ECOFLEX arm - 2m			W000342118	
ECOFLEX arm - 3m			W000342119	
ECOFLEX arm - 4m			W000342120	
Polyarticuled arm - 2m			W000342115	
Polyarticuled arm - 3m			W000342125	
Polyarticuled arm - 4m			W000342126	
Filter cartridge 20 m <sup>2</sup>			EM0000117546	
Supply			3 x 400VAC	
Filter surface (m <sup>2</sup> )			20	
Self Cleaning			Automatic	
Dust drum capacity (liter)			18	
Max flow rate (m <sup>3</sup> /h)	1200	2400	1200	2400
Extractor power (kW)	1.1	2.2	1.1	2.2



# Extraction arms



	1 ECOFLEX	2 POLYARTICULE	3 LTA	4 LFA
Ø 160mm arm - 2m	W000342118	W000342115	-	-
Ø 160mm arm - 3m	W000342119	W000342125	-	-
Ø 160mm arm - 4m	W000342120	W000342126	-	-
Support fan	W000342143		-	-
Ø 200mm arm - 1.4m	-	-	EM7925260180	-
Ø 200mm arm - 2m	-	-	-	EM7925270180
Ø 200mm arm - 3m	-	-	-	EM7925160180
Ø 200mm arm - 4m	-	-	-	EM7925210180
Wall console TMB	-	-	EM7915302000	EM7915301700
Network link NFC sleeve	-	-	EM7940201010	
Fan 1 x 230VAC - 0.75kW	-	-	EM7905220710	
Fan 3 x 400VAC - 0.75kW	W000342132		EM7905220740	
Circuit breaker 0.75kW - 3ph			W000342522	
Circuit breaker 0.75kW - 1ph			W000342525	
Discharge kit for clad wall			EM61000237	
Discharge kit for roof			EM61000238	
Diameter (mm)	Ø 160	Ø 160	Ø 200	Ø 200
Max flow rate (m³/h)	1200	1200	1200	1200 / 1400
Structure	Metallic Antistatic hose	Aluminum tube	Reinforced plastic tube	

# Welding & grinding down-draft tables

1



2



3



1 ASMV

2 AMSFM

3 AMSFMD

Welding-grinding  
Backward centrifugal fan

Welding-grinding  
Mechanical filtration

Welding-grinding  
Mechanical filtration  
and self cleaning

Sizes 1200 x 800mm	W000273087	W000371223	EM61000165
Sizes 2000 x 800mm	W000273086	W000371222	EM61000166
Real lateral or vertical outlet	W000342588		-
Vertical outlet with silencer box	W000273464		-
Discharge silencer box	-	-	EM61000195
HEPA H13 filtration box	-	EM61000432	
Wheel kit	-	EM61000431	EM61000256
TRC Ø 250mm for 1200 x 800mm table	W000380507		
TRC Ø 315mm for 2000 x 800mm table	W000380508		
Filtration	NO		YES
Filter surface (m <sup>2</sup> )	-	40	30
Self cleaning	-	NO	YES
<b>Sizes</b>	<b>1200 x 800mm</b>		<b>2000 x 800mm</b>
Flow rate to apply (m <sup>3</sup> /h)	2000		3000
Work surface dimensions (mm)	1070 x 740		1870 x 740
Supply	3 x 400VAC - 50Hz - 2.2kW		
Permissible load (kg/m <sup>2</sup> )	200		

## Complete automation catalogue



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## Complete air treatment catalogue



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