



INVEST IN THE FUTURE

INDUCTION HEATING



RELEASING - STRAIGHTENING - SHRINK-FITTING - BENDING
BRAZING - QUENCHING - ANNEALING

2026

A solid
manufacturing
group

900 people

C1+
Credit Rating
Banque de France

€ 140 000 000

55 000 m²
2 factories



FRENCH MANUFACTURER
SINCE 1964

A family
company



Nicolas & Bruno
Bouygues



Global coverage
125 countries

5 catalogues
3 500+ references



MMA/SMAW
TIG/GTAW
MIG-MAG/
GMAW-FCAW
Plasma cutting
Stud welding
Spot welding
Accessories
Protection
Consumables



Spot welding
Dent pulling
MIG-MAG/
GMAW-FCAW
Plasma cutting
Induction heating
Riveting
Lifting
Bodyshop tools



Chargers
Battery support units
Boosters
Starters
Testers
Portable energy
Jumper cables
EV charging
Accessories



Releasing
Straightening
Shrink-fitting
Bending
Brazing
Quenching
Annealing



MMA/SMAW
TIG/GTAW
MIG-MAG/
GMAW-FCAW
Plasma cutting
Charge

GYS FRANCE - HEADQUARTERS
Laval



**GYS LOGISTIC
CENTER**
Laval



GYS GERMANY
Aachen



GYS U.K.
Rugby



GYS CHINA
Shanghai



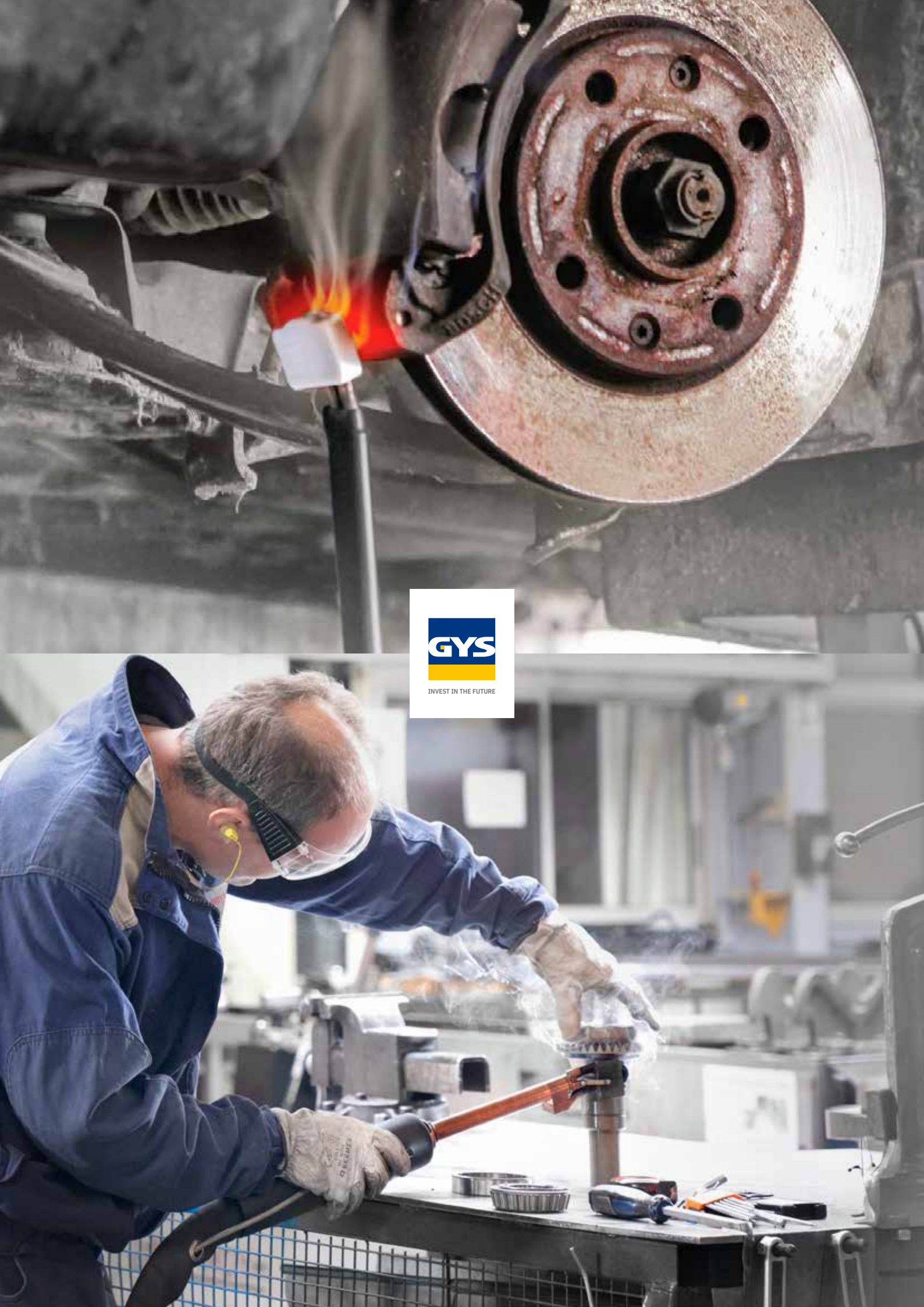
GYS ITALIA
Venezia



GYS IBERICA
Madrid

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POWERDUCTION RANGE	6 > 19	USE CASES	25 > 29
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Heat without flame



Flame



Benefits of induction



Dangerous - Danger

Using a naked flame | using of explosive gases
Utilisation d'une flamme nue | Utilisation de gaz explosifs



Safe - Sécurité

Flameless heating reduces the risk of fire
Réduit le risque d'incendie



Imprecise - Imprécision

High risk of damage to fuel pipes, wiring looms, rubber components, sensors ...
Risque élevé d'endommagement des conduites de carburant, des faisceaux de câbles, des composants en caoutchouc, des capteurs ...



Accurate - Précision

Only heats the required parts, not the surrounding area
Ne chauffe que les parties concernées et non la zone environnante



Slow - Lent

Heats metal slowly
Chauffe lentement le métal



Fast - Rapidité

Heats to the heart of the metal quicker than a flame
Chauffe au cœur du métal plus rapidement qu'une flamme



Health & safety risk - Risque pour la santé et la sécurité

Danger to staff members
Danger pour les membres du personnel



Easy - Accessible

No training required
Aucune formation n'est requise



Expensive - Onéreux

Cylinder gas refill and rental - insurance premium surcharge
Remplissage et location de cylindre de gaz - surprime d'assurance



Reduce costs - Coûts réduits

Up to 92% cheaper to run than on oxyacetylene.
Savings on insurance premium
Jusqu'à 92 % moins cher à utiliser que l'oxyacétylène. Économies sur la prime d'assurance

Hourly oxy-acetylene cost*

100 L/h	4 €
300 L/h	12 €
500 L/h	20 €

*Based on average direct cost of 0.04€ per L

Hourly induction heating cost**

37LG → 3.7 kW	0.59 €
110LG → 11 kW	1.76 €
220LG → 22 kW	3.52 €

**Based on average direct cost of 0.16€ per kW/h



★★★★★

THEY TRUST US

ILS NOUS FONT
CONFIANCE
SIE VERTRAUEN UNS





INDUCTION HEATING

HANDUCTOR
1.1 kW

NEW
03/2026

LED lamp



1 100 W

HANDUCTOR

AIR 230V
090484



INDUCTION HEATING

POWERDUCTION
1.2/1.75 kW



NEW DESIGN
03 / 2026



1 200 W

POWERDUCTION 10R

AIR 230V • 1 ~

POWERDUCTION 10R **ONE** (1 inductor)
089617
089624

NEW

POWERDUCTION 10R **PLUS** (5 inductors)
062504
068643 080966

POWERDUCTION 10R **PRO** (12 inductors)
080195
080300

NEW
04/2026



1 750 W

POWERDUCTION 18R

AIR 230V • 1 ~

POWERDUCTION 18R **ONE**
(1 inductor)
091047
091054

NEW
04/2026

POWERDUCTION 18R **PLUS**
(5 inductors)
091061
091078

NEW
04/2026

POWERDUCTION 18R **PRO**
(12 inductors)
091085
091092

NEW
04/2026

Hanductor	10R / 18R

Easy to use - Facile à utiliser



POWERDUCTION 10R/18R **ONE**



POWERDUCTION 10R/18R **PLUS**



POWERDUCTION 10R/18R **PRO**



7

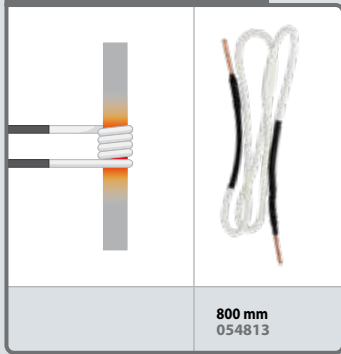
POWERDUCTION

1.1/1.75 kW

INDUCTOR PROGRAM

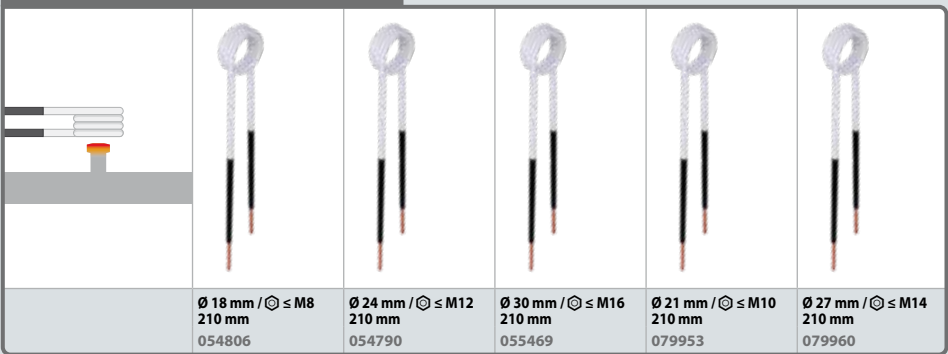
HANDUCTOR/10R/18R

Flexible inductors



800 mm
054813

Coiled wire side inductors



Ø 18 mm / ⌀ ≤ M8
210 mm
054806

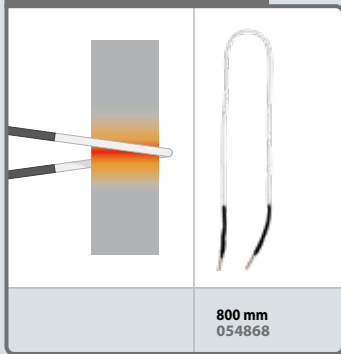
Ø 24 mm / ⌀ ≤ M12
210 mm
054790

Ø 30 mm / ⌀ ≤ M16
210 mm
055469

Ø 21 mm / ⌀ ≤ M10
210 mm
079953

Ø 27 mm / ⌀ ≤ M14
210 mm
079960

Straight inductors



800 mm
054868

Coiled wire front inductors



Ø 18 mm / ⌀ ≤ M8
200 mm
079977

Ø 21 mm / ⌀ ≤ M10
200 mm
079984

Ø 24 mm / ⌀ ≤ M12
200 mm
079991

Ø 27 mm / ⌀ ≤ M14
200 mm
080003

Ø 30 mm / ⌀ ≤ M16
200 mm
080010

Adhesive removal
- Décollage - Entkleben
066601



Plastic Wedges (x3)
051294



Loosening
- Dégrippage - Lockerung
079472



COMPLETE PACKS

NEW

Pack Mobility

089006



Powerduction 10vR
062504

Power Pack 14.22
085206

Pack basic repair

089013



Powerduction 10R
062504

Decal - Décollage - Entkleben
066601

Loosening - Dégrippage - Lockerung
079472

Pack total repair

089020



Powerduction 10R PRO
080195

Decal - Décollage - Entkleben
066601

Loosening - Dégrippage - Lockerung
079472

Releasing

- DÉGRIPPAGE - ZUM LÖSEN FESTSITZENDER TEILE - SBLOCCAGGIO - DESBLOQUEO

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



BUSHING REMOVAL - EXTRACTION D'UN SILENTBLOC

Flexible inductor
Powerduction 10R



UNSEIZING STEERING BALL JOINT - DÉGRIPPAGE D'UNE ROTULE DE DIRECTION

Flexible inductor
Powerduction 10R



UNSEIZING AN EXHAUST MANIFOLD - DÉGRIPPAGE D'UN COLLECTEUR D'ÉCHAPPEMENT

Coiled front wire inductor Ø21
Powerduction 10R



UNSEIZING WHEEL NUTS - DÉGRIPPAGE D'ÉCROUS DE JANTES

Coiled front inductor Ø30
Powerduction 10R

INDUCTORS

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INDUCTION HEATING

INDUCTION AUTO
2.4/5.2 kW



CAR BODY

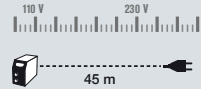
PFC

POWER FACTOR
CORRECTION

FV

FLEXIBLE
VOLTAGE

185 V ↔ 265 V



2 400 W

GYSDUCTION AUTO

PFC AIR 230 V • 1 ~

GYSDUCTION AUTO 120V

PFC FV AIR 120 V • 1 ~



COMING
SOON

2 in 1

50LG

+

AUTO



included
Glass - Décapage - Entfernen
053373



included
Decal - Décollage -
Entkleben
053359



6 m



5 200 W

COMBIDUCTION AUTO 50LG

PFC 230 V • 1 ~



COMBIDUCTION AUTO 50LG 208-240V

PFC 208-240 V • 1 ~



065901

065901

065901

065901

065901

065901

3 m



READY TO USE
Liquid included

OPTIONS

Spiral inductor
- Inducteur spirale
- Spiralinduktor



1.2 kW

5
inductors
054783



800 mm
054813



800 mm
054868

SIDE

Ø 18 mm ⊙ ≤ M8 054806

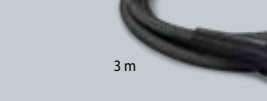
Ø 24 mm ⊙ ≤ M12 054790

Ø 30 mm ⊙ ≤ M16 055469

PDR : Paintless Dent Repair - Débosselage sans
peinture - Lackschadenfreies Ausbeulen

054776

Licensed by
BETAG innovation



3 m

ACCESSORIES

Freezer spray
- Spray refroidisseur

-50 °C
400 ml
(x 12)
048898



Adhesive for logo
(x10)
051492



for



Protection (x5)
+ Colle - Glue
053854

for



Protection (x1)
+ Colle - Glue
059108

for



Protection (x10)
+ Colle - Glue
053847



EN 60 335/1

MADE IN FRANCE

MADE IN FRANCE

MADE IN FRANCE

MADE IN FRANCE

MADE IN FRANCE

MADE IN FRANCE

A

W

kHz

PFC

Tank capacity

Liquid included

Inductor

Heating

LxWxH cm / kg

LxWxH cm / kg

Protected & compatible power generator (+/-15%)

GYSDUCTION AUTO

GYSDUCTION AUTO 120V

COMBIDUCTION AUTO 50LG

COMBIDUCTION AUTO 50LG 208-240 V

230 V, 1~, 50/60 Hz

120-240 V, 1~, 50/60 Hz

230 V, 1~, 50/60 Hz

208-240 V, 1~, 50/60 Hz

16 mini

20 mini

25 mini

25 mini

2400

2400

5200

5200

35+100

35+100

20+80

20+80

—

—

7l

7l

—

—

5l

5l

2

2

6

6

2.5

2.5

3

3

M10 → 1 s

M10 → 1 s

M14 → 1 s

M14 → 1 s

2 mm → 5 s

2 mm → 5 s

2 mm → 3 s
4 mm → 5 s

2 mm → 3 s
4 mm → 5 s

Ø8 → 10 s

Ø8 → 10 s

Ø10 → 10 s

Ø10 → 10 s

37 x 21 x 37 / 7.5

37 x 21 x 37 / 7.5

46 x 43 x 75 / 60

46 x 43 x 75 / 60

52 x 30 x 37 / 12.9

52 x 30 x 37 / 12.9

79 x 58 x 60 / 72

79 x 58 x 60 / 74

3 kW

3 kW

6 kW

6 kW

3 kW

3 kW

6 kW

6 kW

6 kW

11

INDUCTION AUTO

2.4/5.2 KW • CAR BODY

11



POWERDUCTION
3.7 kW



Pack
37 LG

MRA 1 089037	✓	✓	✓	✓	✓	—	—
MRA 2 089044	✓	✓	✓	✓	✓	✓	✓



NEW
06/2026

READY TO USE
Liquid included



READY TO USE
Liquid included

NEW

INDUCTOR PROGRAM
37/38LG

Small inductors

S90 058927	S70 061569	S180 059269	
S20/B1 (20°) 064874	S180/B1 064881	S180/B3W 067899	S180/B6 087002
Ø 20	S20/D20 078796	S90/D20 078871	S180/D20 069985
Ø 25	S20/D25 078802	S90/D25 078888	S180/D25 069992
Ø 30	S20/D30 078819	S90/D30 078895	S180/D30 070592
Ø 35	S20/D35 078826	S90/D35 078901	S180/D35 070608
Protection kit for loop inductors - Kit de protection pour inducteurs boucle 077386			

Difficult access adapters

	90°-S 082663	✓ S180/B1 ✓ S180/B3W ✓ S180/B6
--	-----------------	--------------------------------------

3 700 W

POWERDUCTION 37LG

230V • 1 ~



S90 058927
056992

UK: 072510
FR: 080959



S180/B3W 067899
083387

UK: 083394

POWERDUCTION 37LG 208-240V

208-240V • 1 ~

COMING
SOON



S90 058927
084865

POWERDUCTION 37LG PRO

230V • 1 ~



S90 058927
088917

UK: 091214

POWERDUCTION 38LG

230V • 1 ~



S90 058927

088474

UK: 090743

				Freq.	Liquid Cooling		Cable L (m)		Heating					
		A	W		Tank capacity	Liquid included	Inductor							
POWERDUCTION 37LG	230V, 1~ 50/60 Hz 208-240 V, 1~, 50/60 Hz	16 mini 20 mini	3 700	15+30	1.5 l	—	4	2	M10 → 1 s	2 mm → 5 s	Ø10 → 15 s	56 × 26 × 29 / 13	60 × 34 × 33 / 14.5	4 kW
POWERDUCTION 37LG PRO	230V, 1~, 50/60 Hz	16 mini	3 700	15+30	1.5 l	1 l	4	2	M10 → 1 s	2 mm → 5 s	Ø10 → 15 s	46 × 34 × 78 / 29	75 × 28.5 × 52 / 32	4 kW
POWERDUCTION 38LG	230V, 1~, 50/60 Hz	16 mini	3 700	15+30	7 l	5 l	4	3	M10 → 1 s	2 mm → 5 s	Ø10 → 15 s	46 × 36 × 70 / 35.5	81 × 38 × 59 / 41.5	4 kW

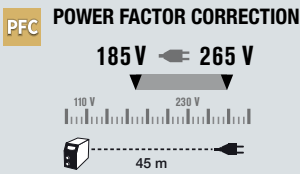
ACCESSORIES			
Ferrites - Ferrites - Ferritaufsatz			
B1 053823	B3 067875	B1 056909	B3 072527
B1 (x5) 079380		B1 (x5) 079397	

Sticker removal - Patin sticker - Antihafthappe	
B1 - PAD 088283	S70/S90/S180 - PAD 088290

Cooling liquid - Liquide de refroidissement	
2 L 082212	5 L 062511

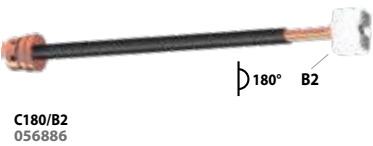
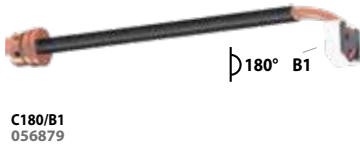


POWERDUCTION
3.7 kW



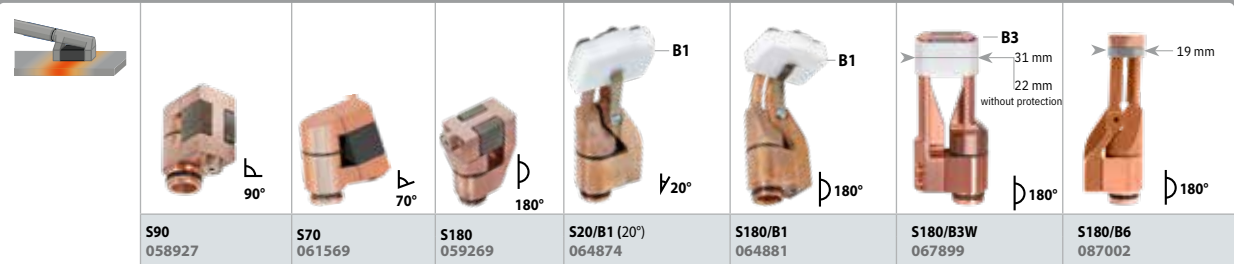
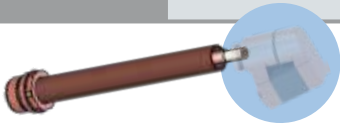
INDUCTOR PROGRAM 39LG

Complete inductors



Small inductors

ADAPTER 28S
M28 Ø16
064485



Protection kit for
loop inductors
- Kit de protection
pour inducteurs
boucle
077386

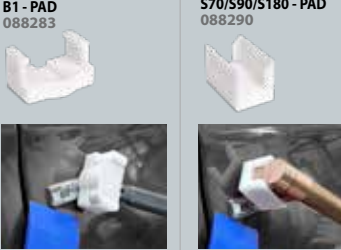
Ø 20	S20/D20	078796	S90/D20	078871	S180/D20	069985
Ø 25	S20/D25	078802	S90/D25	078888	S180/D25	069992
Ø 30	S20/D30	078819	S90/D30	078895	S180/D30	070592
Ø 35	S20/D35	078826	S90/D35	078901	S180/D35	070608
Ø 40	S20/D40	078833	S90/D40	078918	S180/D40	070615
Ø 45	S20/D45	078840	S90/D45	078925	S180/D45	070622
Ø 50	S20/D50	078857	S90/D50	078932	S180/D50	070639
Ø 55	S20/D55	078864	S90/D55	078949	S180/D55	070646

ACCESSORIES

Ferrites - Ferrites - Ferritaufsatz



Sticker removal - Patin sticker - Antihafkappe



Boxes - Boîtes

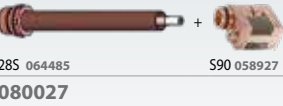
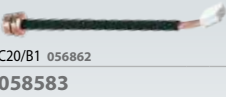


Cooling liquid
- Liquide de
refroidissement



POWERDUCTION 39LG

PFC 230V • 1 ~

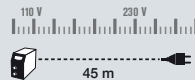


3 700 W

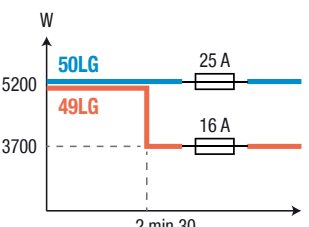
				Freq.	INTEGRATED TECHNOLOGY		Liquid Cooling		Cable L (m)		Heating						
		A	W		P400	PFC	Tank capacity	Liquid included	Inductor				L × W × H cm / kg	L × W × H cm / kg			
POWERDUCTION 39LG (C20/B1) / (S90)	230V, 1~ 50/60 Hz	16 mini	3 700	20×60	■	■	■ 7 l	5 l	6 3	M12 → 1 s	2 mm → 5 s	Ø10 → 15 s	46 × 36 × 70 / 46.5	81 × 38 × 59 / 52.5		4 kW	



185 V ← 265 V

READY TO USE
Liquid included

Youtube

POWERDUCTION
5.2 kW**49LG:**
Power adaptation for 16A socket
Adaptation de puissance pour prise 16A

NEW

5 200 W

POWERDUCTION 49LG

PFC 230V • 1 ~

C20/B1 056862
088498

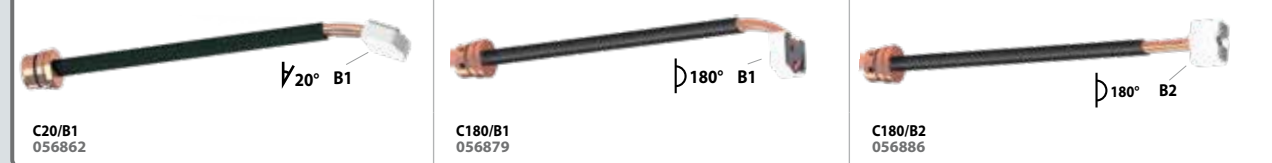
POWERDUCTION 50LG

PFC 230V • 1 ~

C20/B1 056862
055599

INDUCTOR PROGRAM 49/50LG

Complete inductors



Small inductors

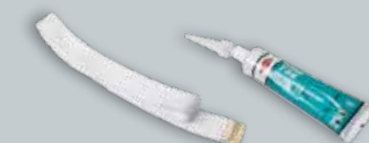
ADAPTER 28S
M28 Ø16
064485

Large inductors

ADAPTER 28L
M28 Ø22
064492

S90 058927	S70 061569	S180 059269	
S20/B1 (20°) 064874	S180/B1 064881	S180/B3W 067899	S180/B6 087002
Ø 20	S20/D20 078796	S90/D20 078871	S180/D20 069985
Ø 25	S20/D25 078802	S90/D25 078888	S180/D25 069992
Ø 30	S20/D30 078819	S90/D30 078895	S180/D30 070592
Ø 35	S20/D35 078826	S90/D35 078901	S180/D35 070608
Ø 40	S20/D40 078833	S90/D40 078918	S180/D40 070615
Ø 45	S20/D45 078840	S90/D45 078925	S180/D45 070622
Ø 50	S20/D50 078857	S90/D50 078932	S180/D50 070639
Ø 55	S20/D55 078864	S90/D55 078949	S180/D55 070646

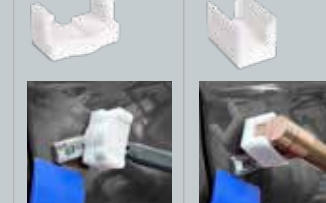
	Pre-heating - Préchauffe			
Ø 60	✓	L20/D60 078956	L90/D60 079106	L180/D60 069923
Ø 70	✓	L20/D70 078963	L90/D70 079113	L180/D70 069930
Ø 80	✓	L20/D80 078970	L90/D80 079120	L180/D80 069121
Ø 90	✓	L20/D90 078987	L90/D90 079137	L180/D90 069947
Ø 100	✓	L20/D100 078994	L90/D100 079144	L180/D100 069954
Ø 110	✓	L20/D110 079007	L90/D110 079151	L180/D110 069961
Ø 120	✓	L20/D120 079014	L90/D120 079168	L180/D120 069978
Ø 130	✓	L20/D130 079021	L90/D130 079175	Production on request
Ø 140	✓	L20/D140 079038	L90/D140 079182	
Ø 150	✓	L20/D150 079045	L90/D150 079199	
Ø 160	✓	L20/D160 079052	L90/D160 079205	
Ø 170	✓	L20/D170 079069	L90/D170 079212	
Ø 180	✓	L20/D180 079076	L90/D180 079229	
Ø 190	✓	L20/D190 079083	L90/D190 079236	
Ø 200	✓	L20/D200 079090	L90/D200 079243	

Protection kit for loop inductors
- Kit de protection pour inducteurs boucle
077386

		+AM+		Freq.	INTEGRATED TECHNOLOGY	Liquid Cooling		Cable L (m)		Heating						
		A	W			Tank capacity	Liquid included	Inductor								
POWERDUCTION 49LG	230V, 1~50/60 Hz	16 mini	5 200	20 +60	■ ■	7 l	5 l	2	3	M14 → 1 s	2 mm → 3 s 4 mm → 5 s	Ø10 → 10 s	46 × 36 × 70 / 46.5	81 × 38 × 59 / 52.5	6 kW	
POWERDUCTION 50LG	230V, 1~50/60 Hz	25 mini	5 200	20 +60	■ ■	7 l	5 l	8	3	M14 → 1 s	2 mm → 3 s 4 mm → 5 s	Ø10 → 10 s	46 × 43 × 75 / 58	80 × 60 × 60 / 71	6 kW	

ACCESSORIES

Ferrites - Ferrites - Ferritaufsatz

**Sticker removal - Patin sticker - Antihafthappe**
B1 - PAD 088283
S70/S90/S180 - PAD 088290**Boxes - Boîtes**
28S/B type W for 39LG & 50LG 072497included :
S20/B1 (x1)
S180/B1 (x1)
S180/B3 (x1)
28S (x1)
B1 (x1)
B3 (x1)**Cooling liquid - Liquide de refroidissement**
2 L 082212
5 L 062511
10 L 052246**Protection cover - Housse de protection - Schutzhaube**
062733

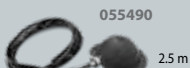


POWERDUCTION
11/16/22 kW

OPTIONS 110LG compact



UNIVERSAL SKATE
087958
↓ 11 kg
80 x 30 x 12 cm / 11.3 kg



JOBBSITE XL TROLLEY
039568
↓ 18.3 kg
66 x 47 x 20 cm / 19.5 kg



READY TO USE
Liquid included

NEW



READY TO USE
Liquid included

t° POWER HEAT CONTROLLER

t° CONTROL
80>350°C (210>660°F)

5,5m

POWERDUCTION
compatibility
110, 160, 220LG

Included
T° Thermocouple
sensors type
K x2

OPTION

PYROMETER IR
064119

for inductor L90

Included
Removable handle - Poignée
de lance - Abnehmbarer Griff
for POWERDUCTION
110 - 160 - 220 LG
068599



READY TO USE
Liquid included

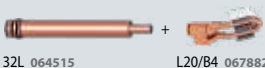


READY TO USE
Liquid included

11 000 W

POWERDUCTION 110LG COMPACT

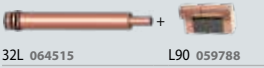
400V • 3~



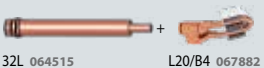
087637

POWERDUCTION 110LG

400V • 3~



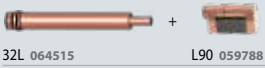
058590



083400

POWERDUCTION 110LG 208-240 V

208-240V • 3~      

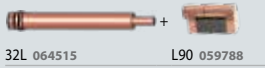


065246

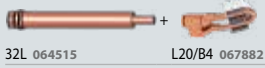
16 000 W

POWERDUCTION 160LG

400V • 3~



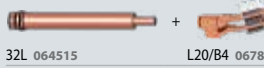
057814



083417

POWERDUCTION 160LG 208-240 V

208-240V • 3~      

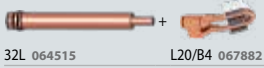


065253

22 000 W

POWERDUCTION 220LG (6m)

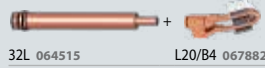
400V • 3~



066861

POWERDUCTION 220LG (10m)

400V • 3~



074576



MADE IN FRANCE



ACCESSORIES



Protection cover - Housse de
protection - Schutzhaube

for POWERDUCTION 110LG
062733

for POWERDUCTION 160 - 220 LG
050853



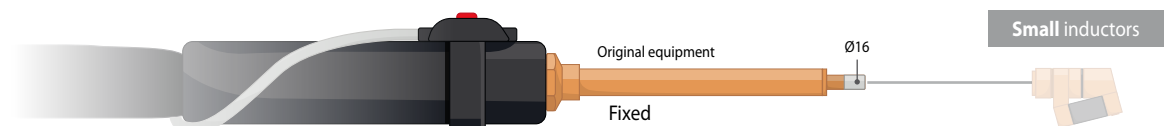
Cooling liquid - Liquide
de refroidissement

2L 082212
5L 062511
10L 052246

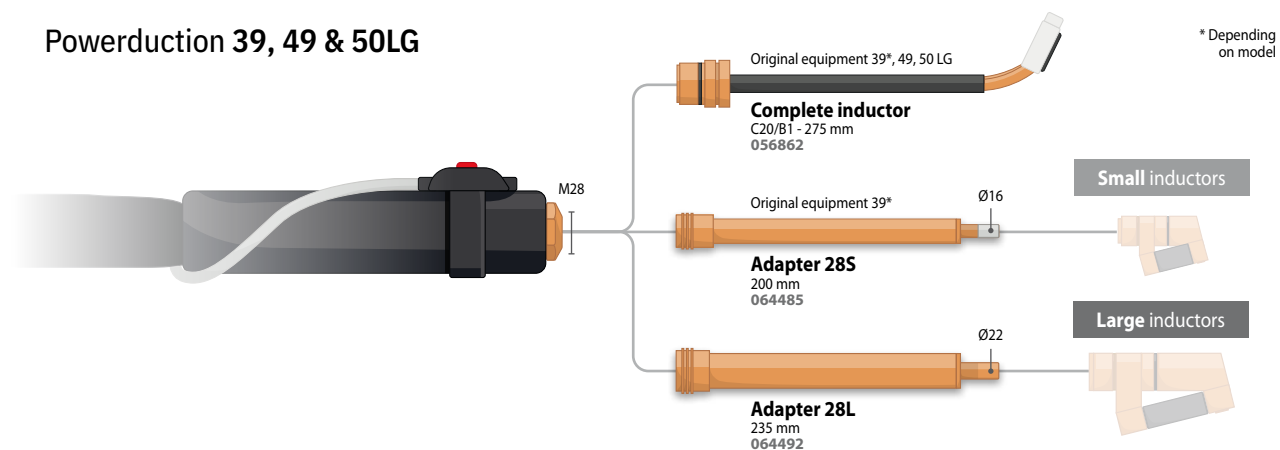


ADAPTERS / ADAPTATEURS / ADAPTER / ADATTATORI / ADAPTADORES

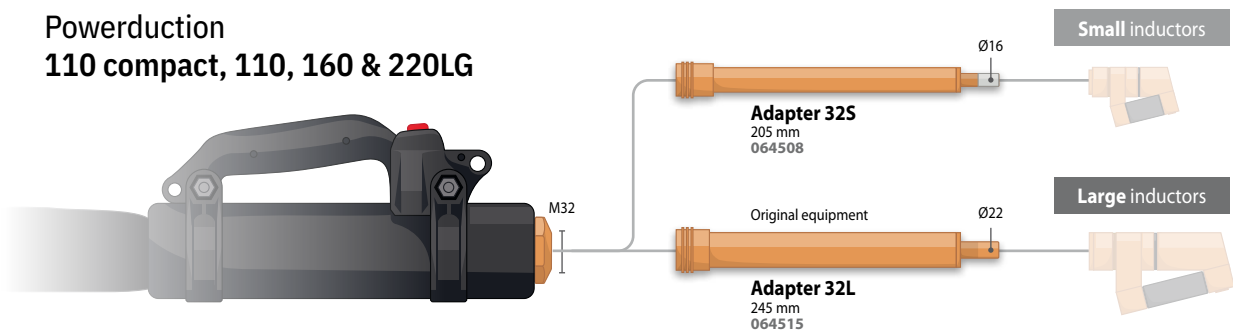
Powerduction 37, 37 PRO & 38LG



Powerduction 39, 49 & 50LG

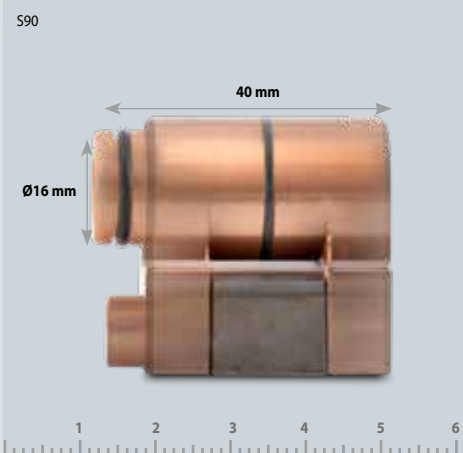


Powerduction 110 compact, 110, 160 & 220LG

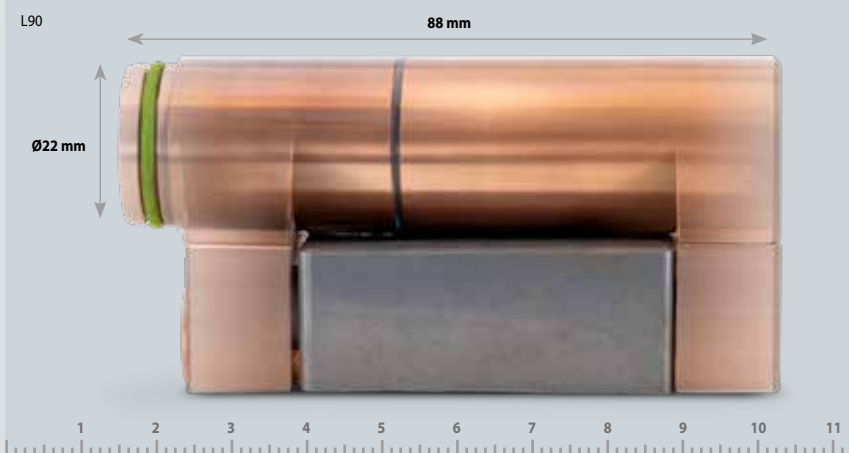


INDUCTOR SIZE / TAILLE DES INDUCTEURS / ANSCHLÜSSE GRÖSSE / DIMENSIONE DEGLI INDUTTORI / TAMAÑO DE LOS INDUCTORES

Small inductors

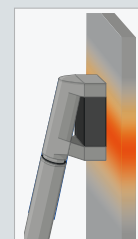


Large inductors

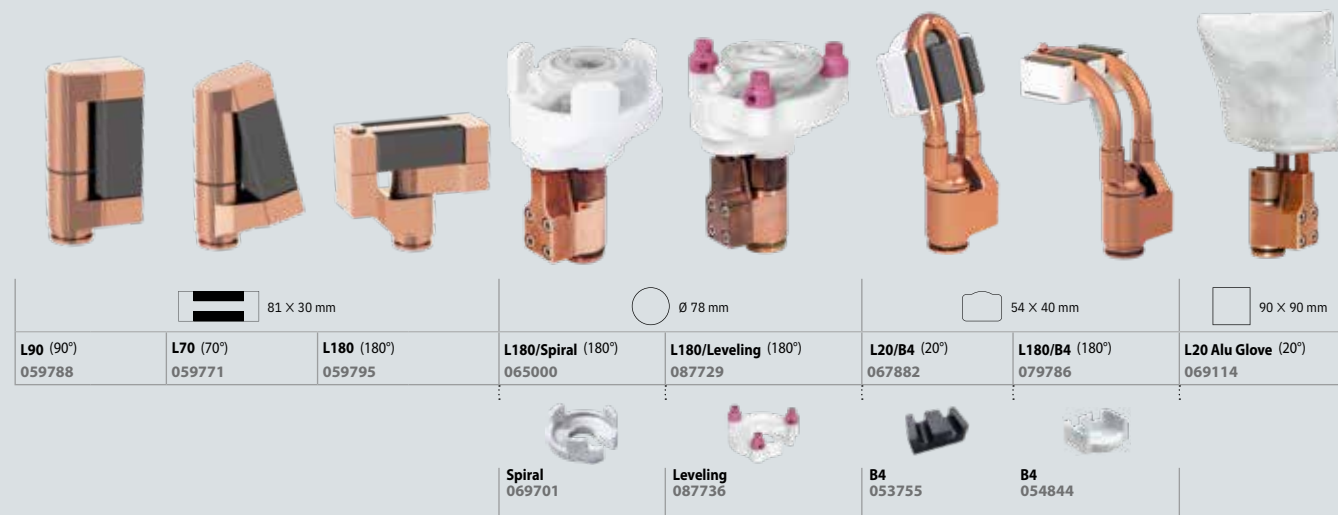


STANDARD

Small inductors

Compatibility: ☒ 37, 37pro & 38LG ☒ 39, 49 & 50LG ☒ 110 compact, 110, 160 & 220LGOption Sticker removal - Patin sticker - Antihafthkappe
S70/S90/S180 - PAD
088290Option Sticker removal - Patin sticker - Stickerschutz
B1 - PAD
088283Difficult Access Adapters 90°-S
082663☒ S180/B1
☒ S180/B3W
☒ S180/B6
90°

Large inductors

Compatibility: ☒ 37, 37pro & 38LG ☒ 39, 49 & 50LG ☒ 110 compact, 110, 160 & 220LG

ACCESSORIES

Trolley for inductor for adapter 32L
Chariot pour inducteur pour adaptateur 32L
075955

Boxes - Boîtes

28S/B type W
for 39LG & 50LG
072497
included:
S20/B1 (x1)
S180/B1 (x1)
S180/B3 (x1)
28S (x1)
B1 (x1)
B3 (x1)32S/B type W
for 110LG, 160LG & 220LG
072503
included:
S20/B1 (x1)
S180/B1 (x1)
S180/B3 (x1)
32S (x1)
B1 (x1)
B3 (x1)L box
065796
included:
L70 (x1)
L180 (x1)Glue kit for inductor
Kit de colle pour inducteur
075948Glue - Bi-component
Power Epoxy 150°C
2 x 15 g / 50 ml
054851



RINGS / BOUCLES / RINGINDUKTOREN / ANELLI / BUCLES

Powerduction compatibility

- 37, 37pro & 38LG
- 39, 49 & 50LG
- 110 compact, 110, 160 & 220LG

					
Ø Section	Ø Inductor	Ring (20°)	Ring (90°)	Ring (180°)	Half loops (180°)
Small inductors					
16 - 18	Ø 20	S20/D20 078796	S90/D20 078871	S180/D20 069985	—
20 - 23	Ø 25	S20/D25 078802	S90/D25 078888	S180/D25 069992	
24 - 28	Ø 30	S20/D30 078819	S90/D30 078895	S180/D30 070592	
28 - 33	Ø 35	S20/D35 078826	S90/D35 078901	S180/D35 070608	
32 - 38	Ø 40	S20/D40 078833	S90/D40 078918	S180/D40 070615	
36 - 43	Ø 45	S20/D45 078840	S90/D45 078925	S180/D45 070622	—
40 - 48	Ø 50	S20/D50 078857	S90/D50 078932	S180/D50 070639	
44 - 53	Ø 55	S20/D55 078864	S90/D55 078949	S180/D55 070646	
Large inductors					
48 - 55	Ø 60	L20/D60 078956	L90/D60 079106	L180/D60 069923	L180/D60H 088139
56 - 65	Ø 70	L20/D70 078963	L90/D70 079113	L180/D70 069930	—
64 - 75	Ø 80	L20/D80 078970	L90/D80 079120	L180/D80 069121	L180/D80H 088146
72 - 85	Ø 90	L20/D90 078987	L90/D90 079137	L180/D90 069947	—
80 - 95	Ø 100	L20/D100 078994	L90/D100 079144	L180/D100 069954	L180/D100H 088153
88 - 105	Ø 110	L20/D110 079007	L90/D110 079151	L180/D110 069961	—
96 - 115	Ø 120	L20/D120 079014	L90/D120 079168	L180/D120 069978	L180/D120H 088160
104 - 125	Ø 130	L20/D130 079021	L90/D130 079175	Production on request	—
112 - 135	Ø 140	L20/D140 079038	L90/D140 079182		L180/D140H 088177
120 - 145	Ø 150	L20/D150 079045	L90/D150 079199		—
128 - 155	Ø 160	L20/D160 079052	L90/D160 079205		L180/D160H 088184
136 - 165	Ø 170	L20/D170 079069	L90/D170 079212	Production on request	—
144 - 175	Ø 180	L20/D180 079076	L90/D180 079229		L180/D180H 088191
152 - 185	Ø 190	L20/D190 079083	L90/D190 079236		—
160 - 195	Ø 200	L20/D200 079090	L90/D200 079243		L180/D200H 088207

> Ø 200 & < Ø 300 - Production on request



HEAT TUBE / CHAUFFE DE TUBE / INNEROHR-INDUKTOREN / RISCALDAMENTO DEL TUBO / CALENTAMIENTO DE TUBOS

Small inductors

Compatibility: 37, 37pro & 38LG 39, 49 & 50LG 110 compact, 110, 160 & 220LG

S180 Heat Tube

D24 / Ø24 086982	D30 / Ø30 086999	D37 / Ø37 078604	D40 / Ø40 078611	D50 / Ø50 078628
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Option Ferrite kit D24
089365

Option Ferrite kit D30
089372

Option Ferrite kit D37
089389

Option Ferrite kit D40
089396

Option Ferrite kit D50
089402

NEW

Large inductors

Compatibility: 37, 37pro & 38LG 39, 49 & 50LG 110 compact, 110, 160 & 220LG

Exchanger - Échangeur
L180R X
Production on request

Difficult access - Accès difficile
200 x 30 x 10.5 mm
L-X1/B1
089334

32 X 22 mm

Specific production on request

BRAZING / BRASAGE / HARTLÖTEN / BRASATURA / BRAZING

Large inductors

Compatibility: 37, 37pro & 38LG 39, 49 & 50LG 110 compact, 110, 160 & 220LG

L90 BRAZ 16 (90°)
Ø 1/2" / 16 mm
076907

L90 BRAZ 28 (90°)
Ø 1" / 28 mm
076921

L180 BRAZ 16 (180°)
Ø 1/2" / 16 mm
076914

L180 BRAZ 28 (180°)
Ø 1" / 28 mm
076938

Soldering flux for tin alloys
- Graisse décapante pour alliage étain
- Löt fett für Zinn-Legierungen

T° fusion 80 °C
100 g
047808

Protection kit for BRAZ inductors
- Kit de protection pour inducteurs brasage
077515



PRE HEAT

PRÉ-CHAUFFAGE / VORHEIZEN
/ PRÉ-RISCALDAMENTO
/ PRECALENTAMIENTO

Compatibility :
37, 37pro & 38LG
39, 49 & 50LG
110 compact,
110, 160 & 220LG

S20 Pre Heat
D24 / Ø24
086975

Difficult Access
Adapters 90°-S
082663
✓ S180 HEAT TUBE
D24, D30, D37, D40, D50

Glue - Bi-component
Power Epoxy 150°C
2 x 15 g / 50 ml
054851

Selection guide

- GUIDE DE CHOIX - LEITFADEN ZUR AUSWAHL - GUIDA ALLA SCELTA - GUÍA DE SELECCIÓN

											
HAN DUCTOR NEW	10R	18R NEW	37LG 37LG PRO NEW	38LG NEW	39LG	49LG NEW	50LG	110LG Compact NEW	110LG	160LG	220LG

Technical data - Données techniques - Technische Daten																
Power supply (50/60 Hz)	230 V, 1~	230 V, 1~		230 V, 1~	208-240 V, 1~	230 V, 1~	230 V, 1~	230 V, 1~		400 V, 3~	400 V, 3~	208-240 V, 3~	400 V, 3~	208-240 V, 3~	400 V, 3~	
Power	1 kW	1,2 kW	1,75 kW	3,7 kW			5,2 kW			11 kW		16 kW		22 kW		
Power Factor Correction (PFC)	—	—		—			✓		✓		—		—		—	
Coolant liquid (max capacity)	Air	Air		1.5 l		7 l		7 l			1.5 l		7 l		30 l	
Compatibility Power Heat controller	—	—		—			—			—		✓		—		

Heating capacity - Capacité de chauffe - Heizkapazitäten								
 Duty Cycle 35 °C / 100 %	30 s	30 s	7 min	15 min	continu	continu	continu	continu
 Nut Size	M10 → 1 s	M10 → 1 s	M10 → 1 s	M12 → 1 s	M14 → 1 s	M18 → 1 s	M20 → 1 s	M45 → 2 s
 Sheet Thickness	2 mm → 5 s	2 mm → 5 s	2 mm → 5 s		2 mm → 3 s 4 mm → 5 s	2 mm → 2 s 4 mm → 4 s	2 mm → 2 s 4 mm → 4 s	2 mm → 1 s 4 mm → 3 s
 Metal Rod Diameter	Ø 8 → 10 s	Ø 8 → 10 s	Ø 10 → 15 s		Ø 10 → 10 s	Ø 10 → 7 s	Ø 10 → 5 s	Ø 10 → 4 s
 Timer mode	—	—	✓		✓	✓		

Recommended uses - Préconisations d'utilisations - Empfohlene Anwendungen											
	✓	✓	✓		✓		✓	✓	✓	✓	✓
	✓	✓	✓		✓		✓	✓	✓	✓	✓
					✓	✓	✓	✓	✓	✓	✓
								✓	✓	✓	✓
								✓	✓	✓	✓
								✓	✓	✓	✓
								✓	✓	✓	✓

Heating material - Chauffe des matériaux - Heizmaterial											
Steel	++	++	++		++		++	+++	+++	+++	+++
Iron	++	++	++		++		++	+++	+++	+++	+++
Cast iron	+	+	+		+		+	+++	+++	+++	+++
Stainless steel	+	+	+		+		+	+++	+++	+++	+++
Cooper							+	+++	+++	+++	+++
Aluminium							+	+++	+++	+++	+++
Zinc							+	++	++	++	++
Brass							+	+++	+++	+++	+++

Releasing - DÉGRIPPAGE - ZUM LÖSEN FESTSITZENDER TEILE - SBLOCCAGGIO - DESBLOQUEO

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



RELEASING ENGINE STUDS
- DÉGRIPPAGE DE GOUJON DE CARTER
Small S180/D30
Powerduction 37LG



SEIZED WHEEL NUTS REMOVAL
- DÉGRIPPAGE ÉCROUS DE ROUE
Small S180/B3W
Powerduction 37LG



UNSEIZING LINKAGE ARMS
- DÉGRIPPAGE BRAS DE RELEVAGE
Large L90
Powerduction 160LG



RELEASING CONNECTING RODS
- DÉGRIPPAGE BIELLETTE DE DIRECTION
Small S90
Powerduction 37LG



DE-SEALING AN EXHAUST LINE ASSEMBLY
- DÉGRIPPAGE LIGNE D'ÉCHAPPEMENT
Small S90
Powerduction 37LG



RELEASING BRAKE CALIPER
- DÉGRIPPAGE ÉTRIER DE FREIN
Small C20/B1
Powerduction 39LG

Shrink-fitting - FRETAGE - EINSCHRUMPFEN - CALETTAMENTO - FRETEADO

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



HYDRAULIC CYLINDER MAINTENANCE - MAINTENANCE
VÉRINS HYDRAULIQUE
Ring inductors
Powerduction 220LG



STEEL TUBE SHRINK-FITTING - FRETAGE DE TUBE ACIER
Large L180/D300(on demand)
Powerduction 220LG



BUCKET PIN EXTRACTION - EXTRACTION DES AXES DE
GODETS
Large L180/D120H
Powerduction 220LG



STEEL PIPE ASSEMBLY - EMBOITAGE TUBES ACIER
Large L180/D150
Powerduction 160LG

Straightening - REDRESSAGE - RICHTEN - RADDRIZZAMENTO - ENDEREZADO

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



STRAIGHTENING MANURE TANK
- REDRESSAGE CUVE À FUMIER
Large L20/B4
Powerduction 110LG



SHIPYARD - HEAT SHRINKING
- CONSTRUCTION NAVALE
- CHAQUE DE RETRAIT
Large L20/B4
Powerduction 220LG



**ROUND BALERS ROTOR TEETH
STRAIGHTENING** - REDRESSAGE DE DENTS
DE ROTOR DE PRESSE À BALLES RONDES
Large L-X1/B1
Powerduction 220LG



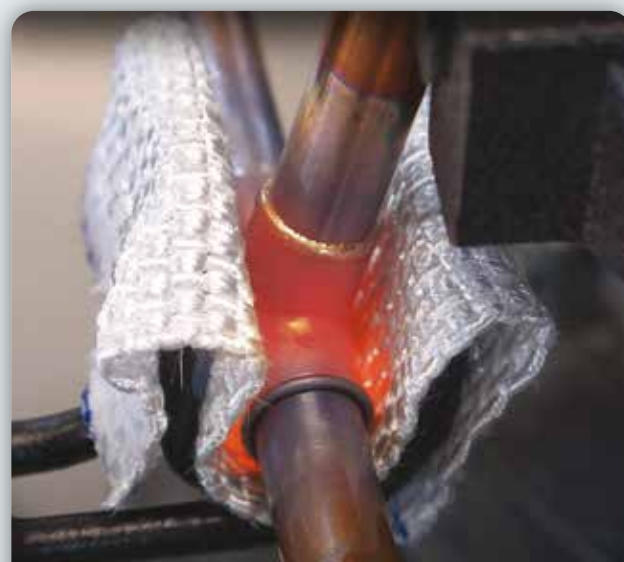
TRUCK CHASSIS STRAIGHTENING - REDRESSAGE
CHASSIS DE CAMION
Large L90
Powerduction 220LG



BUCKET TOOTH STRAIGHTENING - REDRESSAGE
DENT DE GODET
Large L20/B4
Powerduction 110LG

Brazing - BRASAGE - HARTLÖTEN - BRASATURA - BRAZING

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



BRAZING COPPER FITTING - BRASAGE RACCORD CUIVRE
Large L90 Braz 28
Powerduction 110 LG



BRAZING STEEL ELBOW - BRASAGE COUDE ACIER
Large L180/D120
Powerduction 160 LG



BRAZING BRASS PARTS - BRASAGE PIÈCE LAITON
Large L90 BRAZ 28
Powerduction 160 LG



BRAZING COPPER PIPE - BRASAGE TUYAU CUIVRE
Large L90 BRAZ 16
Powerduction 110 LG

Heating - CHAUFFE - WÄRMEN - RISCALDAMENTO - CALENTAMIENTO

SECTORS - SECTEURS D'ACTIVITÉ - TÄTIGKEITSBEREICHE - SETTORI DI ATTIVITÀ - SECTORES DE ACTIVIDAD



VALVE SEAT REMOVAL - EXTRACTION SIÈGES DE SOUPAPE
Heat Tube D37
Powerduction 220 LG



STEEL ANNEALING - DÉTREMPE ACIER
Small S180/D35
Powerduction 160 LG



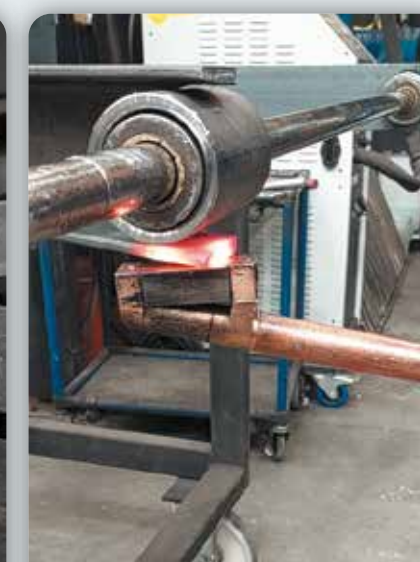
HEAT SHRINKING - CHAUDE DE RETRAIT
Large L90
Powerduction 160 LG



STEEL BAR FORGING - FORGEAGE BARRE ACIER
Large L180/D60
Powerduction 220 LG



STEEL BAR BENDING - CINTRAGE BARRE ACIER
Large L20/B4
Powerduction 110 LG



TRAILER MANUFACTURE - STEEL BENDING - FABRICATION DE REMORQUE - CINTRAGE ACIER
Large L70
Powerduction 220 LG

Tips for using inductors

CONSEILS UTILISATION INDUCTEURS - TIPPS ZUR VERWENDUNG VON INDUKTOREN
- COSIGLI D'UTILIZZO INDUTTORI - CONSEJOS DE USO DE LOS INDUCTORES

Heating material

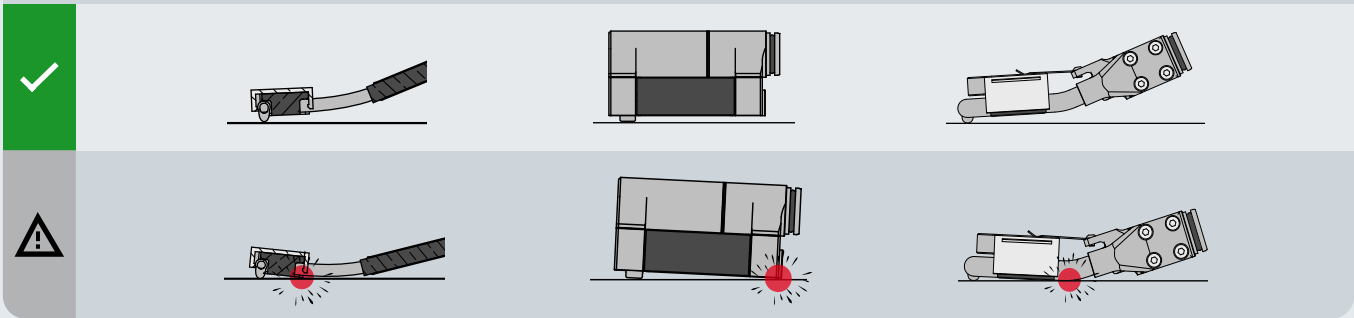
CHAUFFE DES MATÉRIAUX - ERHITZEN VON MATERIALIEN
- RISCALDAMENTO DEI MATERIALI - CALENTAMIENTO DE MATERIALES

	Steel Acier Stahl Acciaio Acero	Iron Fer Eisen Ferro Hierro	Cast iron Fonte Gusseisen Ghisa Hierro fundido	Stainless steel Inox Edelstahl Acciaio inossidabile Acero inoxidable	Copper Cuivre Kupfer Rame Cobre	Aluminium Aluminium Aluminium Alluminio Aluminio	Zinc Zinc Zink Zinco Zinc	Brass Laiton Messing Ottone Latón
HANDUCTOR	++			+			-	
10R / 18R	++			+			-	
37LG / 37LG PRO	++			+			-	
38 LG / 39LG	++			+			-	
49 LG / 50LG			++				+	
110LG Compact				+++			++	+++
110 / 160 / 220LG				+++			++	+++
Magnetic effect	Yes			No				
Repulsion effect	No < 750 °C				Yes			

Ferrite inductor positioning

POSITIONNEMENT DES INDUCTEURS À FERRITES / FERRITDROSSELN POSITION
POSIZIONAMENTO DEGLI INDUTTORI A FERRITI / POSICIONAMIENTO DE INDUCTORES
CON FERRITAS

Contact point
Goutte de contact
Kontaktpunkt
Goccia di contatto
Punto de contacto



Powering your machine using a generator

FONCTIONNEMENT SUR GROUPE ÉLECTROGÈNE - STROMVERSORGUNG DER MASCHINE ÜBER EINEN GENERATOR
- FUNZIONAMENTO SU GRUPPO ELETTOGENO - FUNCIONAMIENTO CON GRUPO ELECTRÓGENO

	POWERDUCTION	HANDUCTOR	10R	18R	37LG / 38LG / 39LG	49LG / 50LG	COMPACT / 110LG	160LG	220LG
 Protégé & compatible générateur de puissance (+/-15 %)		1.5 kW	1.5 kW	2 kW	4 kW	6 kW	15 kW	22 kW	22 kW

Ring inductor positioning

POSITIONNEMENT DES INDUCTEURS À BOUCLES - RING-INDUKTOREN POSITION
- POSIZIONAMENTO DEGLI INDUTTORI AD ANELLO - POSICIONAMIENTO DE LOS INDUCTORES DE BUCLE



More details

✓



EN - A gap must be left between the ring and the workpiece to limit the risk of the protective cover overheating, and the workpiece getting stuck in the ring as it expands.

FR - Il faut laisser un espace entre la boucle et la pièce pour limiter le risque d'échauffement de la protection ou du blocage de la pièce dans la boucle par la dilatation.

DE - Zwischen dem Ring und dem Werkstück muss ein Abstand gelassen werden, um das Risiko einer

Überhitzung der Schutzhülle und eines Festklemmens des Werkstücks im Ring bei dessen Ausdehnung zu begrenzen.

IT - È necessario lasciare uno spazio tra l'anello e il pezzo per limitare il rischio di surriscaldamento della protezione o di blocco del pezzo nell'anello a causa della dilatazione.

ES - Debe dejarse un espacio entre la bucle y la pieza para limitar el riesgo de sobrecalentamiento de la protección o de bloqueo de la pieza en la bucle debido a la dilatación.

✗



EN - If the diameter is too small, heating will be less effective. The unit will not be able to deliver its maximum power to the workpiece.

FR - Si le diamètre de l'inducteur est trop grand par rapport à la pièce, la chauffe sera moins efficace. Le poste n'arrivera pas à transmettre la puissance maximale dans la pièce.

DE - Wenn der Durchmesser zu klein ist, wird die Erwärmung weniger effektiv sein. Das Gerät kann seine

maximale Leistung nicht auf das Werkstück übertragen.

IT - Se il diametro dell'induttore è troppo grande rispetto al pezzo, il riscaldamento sarà meno efficace. L'apparecchio non riuscirà a trasmettere la massima potenza al pezzo.

ES - Si el diámetro del inductor es demasiado grande en relación con la pieza, el calentamiento será menos eficaz. El equipo no logrará transmitir la potencia máxima a la pieza.

✗



EN - If the workpiece is not positioned centrally in the ring, it will not be heated evenly. The side of the workpiece closest to the inductor will be heated more.

FR - Si la pièce n'est pas centrée dans la boucle, la chauffe ne sera pas uniforme. Le côté de la pièce le plus proche de l'inducteur chauffera plus rapidement que la partie éloignée.

DE - Wenn das Werkstück nicht zentriert im Ring positioniert ist, wird es nicht gleichmäßig erwärmt. Die dem Induktor am nächsten gelegene Seite des Werkstücks

wird stärker erwärmt.

IT - Se il pezzo non è centrato nel circuito, il riscaldamento non sarà uniforme. Il lato del pezzo più vicino all'induttore si riscalderà più rapidamente rispetto alla parte più lontana.

ES - Si la pieza no está centrada dentro de la bucle, el calentamiento no será uniforme. El lado de la pieza más cercano al inductor se calentará más rápidamente que la parte más alejada.





INVEST IN THE FUTURE

INDUCTION HEATING

2026

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