



# Electrical Machinery





## Electrical Tools and Machines

It is important to note that all the tools and machines shown in this chapter comply with all the requirements of current legislation. This chapter has recently been substantially expanded with new sections on pneumatic tools, welding, etc.

### ELECTRIC CABLE COILERS

#### TL5520 04/MA cable coiler

The motorised 04/MA cable coiler is the ideal machine for handling small rolls of conductor of up to 20 mm, and is supplied with the OD measurer.

- Maximum conductor diameter 20 mm.
- Speed variable from 0-190 rpm.
- Dimensions: 500 x 1240 x 550 mm.
- Weight 74 kg.



Equipped with a device which stops the machine automatically at the end of the programmed measurements.



#### TL2850 ASM16 cable coiler

The extremely robust ASM-16 manual coiler can measure and cut cables up to 35 mm. The receiver disc has adjustable rods to form reels of the required size. Maximum load 100 kg. Optional programmable electronic measuring device.

- Standard voltage 380 V.
- Dimensions: 1114x1700x750 mm.
- Weight 136 kg.



Optional 220 V.  
single phase  
Speed variable 0-70 r.p.m

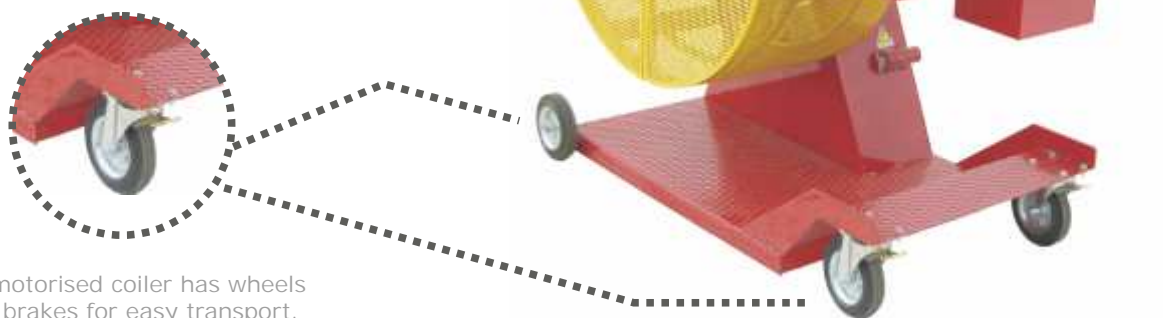


## TL2865

### OE-VE cable coiler

Motorised OE-VE cable coiler with OA/10Q-60 measuring device (precise measurements for conductors from 5 to 60 mm). Electronic speed governor, 0-70 rpm. Diameter variable from 320 to 620 mm.

- Standard voltage 220 V single phase.
- Can optionally be supplied with 800 and 1000 mm diameter retractable reels.
- Dimensions: 1500 x 1900 x 1100 mm.
- Weight 233 kg.



The motorised coiler has wheels with brakes for easy transport.

## TL2852

### Bobmat coiler

The Bobmat coiler has a fixed reel-holder axle, and can handle wooden reels or metal reel-holders. The hydraulic reel is lifted using a manual pump. The reel is fixed to the axle using a mobile cone. The machine is equipped with an electronic speed governor, 0-70 rpm. Operating voltage 220 V. OA10Q60 cable measurer (precise measurements for conductors from 5 to 60 mm).

- Transport wheels with automatic brakes.
- Maximum diameter 1000 mm.
- Minimum diameter 600 mm.
- Maximum reel width 700 mm.
- Minimum reel width 300 mm.
- Maximum load 700 kg.
- Dimensions: 1500 x 1250 x 1900 mm.
- Weight 303 kg.



#### NOTE

Optional metal reel: see page 188.



NE218 programmable electronic measuring device



## TL2853 CD15M3 Coiler

The CD15M3 coiler has a fixed reel holder axle, and can handle wooden reels or metal reel-holders. The hydraulic reel is lifted using a manual pump. The reel is fixed to the axle using a mobile cone. The machine is equipped with an electronic speed governor, 0-70 rpm. Operating voltage 380 V III. OA10Q60 cable measurer (precise measurements for conductors from 5 to 60 mm).

- Parking stabiliser.
- Maximum diameter 1,600 mm.
- Minimum diameter 600 mm.
- Maximum reel width 1130 mm.
- Minimum reel width 300 mm.
- Maximum load 2000 kg.
- Dimensions:  
1568 x 1790 x 2165 mm.
- Weight 540 kg.

Vulcolan  
take-up  
wheels.

Parking  
stabiliser.



Maximum reel width 1130 mm.

### NOTE

Optional metal reel: see page 188.

## MANUAL CABLE COILERS

## TL5521 02-03-OD Coiler

The 02-03-OD manual coiler is a 3-piece assembly for forming coils of cable quickly and easily according to requirements. The height and diameter of each reel is 970 and 700 respectively, and each weighs 30 kg. The OD measurer weighs 2 kg.

- Maximum conductor diameter 20 mm.
- Minimum diameter 4 mm.
- Maximum load 70 kg.



### TL5522 04 Manual coiler

The 04 manual coiler is ideal for handling small rolls of conductor of up to 20 mm. It is supplied with the OD measurer.

- Maximum conductor diameter 20 mm.
- Maximum load 100 kg.
- Dimensions: 280 x 1200 x 400 mm.
- Weight 17 kg.



#### NOTE

This coiler may be used with the CPA wheeled platform; see page 190.

### TL5523 AS-19 manual coiler

The extremely robust AS-19 manual coiler can measure and cut cables up to 35 mm. The receiver disc has adjustable rods to form reels of the required size.

- Maximum load 100 kg.
- Dimensions: 1114 x 1700 x 750 mm.
- Weight 116 kg.



## ACCESSORIES FOR CABLE COILERS

### TL2863 OEB metal reel

The unique design of the OEB metal reel, manufactured from zinc plated steel, for BOBMAT series electrical machines, means that extraction is simple, and the internal diameter of the reel can be adjusted between 50 and 320 mm. External diameter 1000 mm.

### TL2864 OEBR metal reel

The OEBR metal reel, manufactured from zinc plated steel, for BOBMAT series electrical machines, has a retractable device which enables the coil to be easily extracted without dismantling the reel. External diameter 1000 mm.

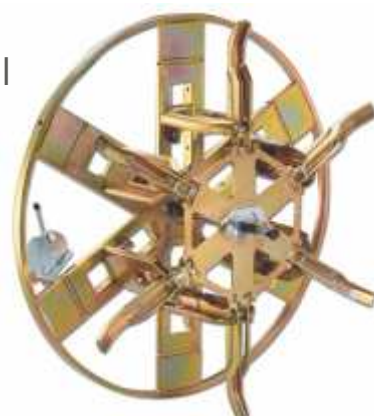
### TL5423 OE-15 reel

OE-15 1000 mm. metal reel for CD models.



### TL4744 OE-15R12 reel

OE15R12 1200 mm. retractable metal reel for CD models.



## ACCESSORIES FOR CABLE COILERS

### TL5524

#### TC-1-60 cable cutter

- TC-1-60 electro-hydraulic cable cutter.
- Maximum conductor diameter 60 mm.
- Steel cable up to 23 mm diameter.
- Dimensions: 535 x 185 x 84 mm.
- Weight 30 kg.

### TL5525

#### TC-1-100 cable cutter

- TC-1-100 electro-hydraulic cable cutter.
- Maximum conductor diameter 100 mm.
- Steel cable up to 23 mm diameter.
- Dimensions: 635 x 210 x 84 mm
- Weight 35 kg.



### TL5526

#### NE/218 measurer

The NE/218 programmable electronic measurer has a six digit screen for programming automatic deceleration of the machine when the programmed length is approaching.



### TL5527

#### OD measurer

OD cable measurer manufactured from pressed steel, with cutting blade for conductors with maximum diameter of 20 mm.

- Dimensions: 180 x 220 x 260 mm
- Weight 3 kg.



### TL5528

#### CM-15 measurer

CM-15 cable measurer manufactured from pressed steel, with cutting blade for conductors with maximum diameter of 35 mm.

- Dimensions: 170 x 250 x 260 mm.
- Weight 6 kg.



### TL5529

#### OA10Q-60 measurer

OA10Q-60 measurer for attaching to coilers. Mounted on rollers to allow for horizontal displacement to follow the cable spiral. Measuring accuracy  $\pm 1.2\%$ .

- Maximum diameter 60 mm.
- Dimensions: 380 x 400 x 400 mm.
- Weight 32 kg.



### TL5530

#### OA10Q-100 measurer

OA10Q-100 measurer for attaching to coilers. Mounted on rollers to allow for horizontal displacement to follow the cable spiral. Measuring accuracy  $\pm 1.2\%$ .

- Maximum diameter 100 mm.
- Dimensions: 440 x 400 x 450 mm.
- Weight 35 kg.



## TL5802 OA-10Q/60/OM measurer

A high precision, carefully designed measurer for conductors between 5 and 100 mm. These measures are supplied for CD and OE-VE series coilers. They are equipped with two self-centring vertical rollers at each end, and two horizontal pressure on rollers and a measuring wheel. This machine operates in a totally synchronised, centralised manner to give high precision measurements of  $\pm 0.4\%$ . There are two different models, Programmable and Manual.

REFERENCE	MODEL	ACCOUNTANT	CAPACITY (mm)	WEIGHT (Kg)	MEASURES (mm)
TL5802	OA-10Q-60-OM-P	Programmable	5 a 60	34	400x640x370
TL5803	OA-10Q-60-OM-N	Normal	5 a 60	33	450x640x370
TL5804	OA-10Q-100-OM-P	Programmable	10 a 100	45	500x900x400
TL5805	OA-10Q-100-OM-N	Normal	10 a 100	44	500x900x400

### NOTE

Thanks to the length of the roller pulling system particularly



## TL5532 CPA wheeled platform

CPA wheeled platform for Model 04/04MA coilers, rugged and durable, with self-locking castor wheels.

- Dimensions: 735 x 1105 x 315 mm.
- Weight 38 kg.





## RACKS FOR CABLE COILERS

## TL5515

### Reel rack

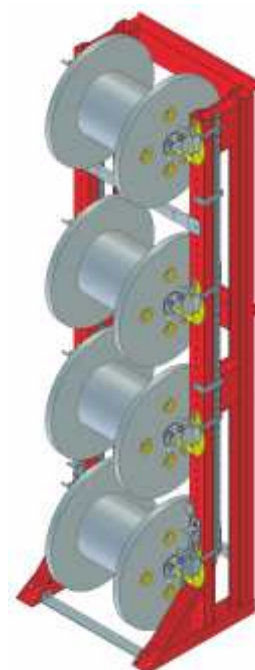
Reel rack manufactured from high-strength materials. Available in manual or mechanical versions, for use with BOBMAT/ OE-VE/ ASM16/ etc. machines. Incorporates a safety system to prevent the reels falling from the rack.

- Maximum reel diameter 600 mm.
- Maximum work load 2400 kg.
- Base measurement 658 mm.

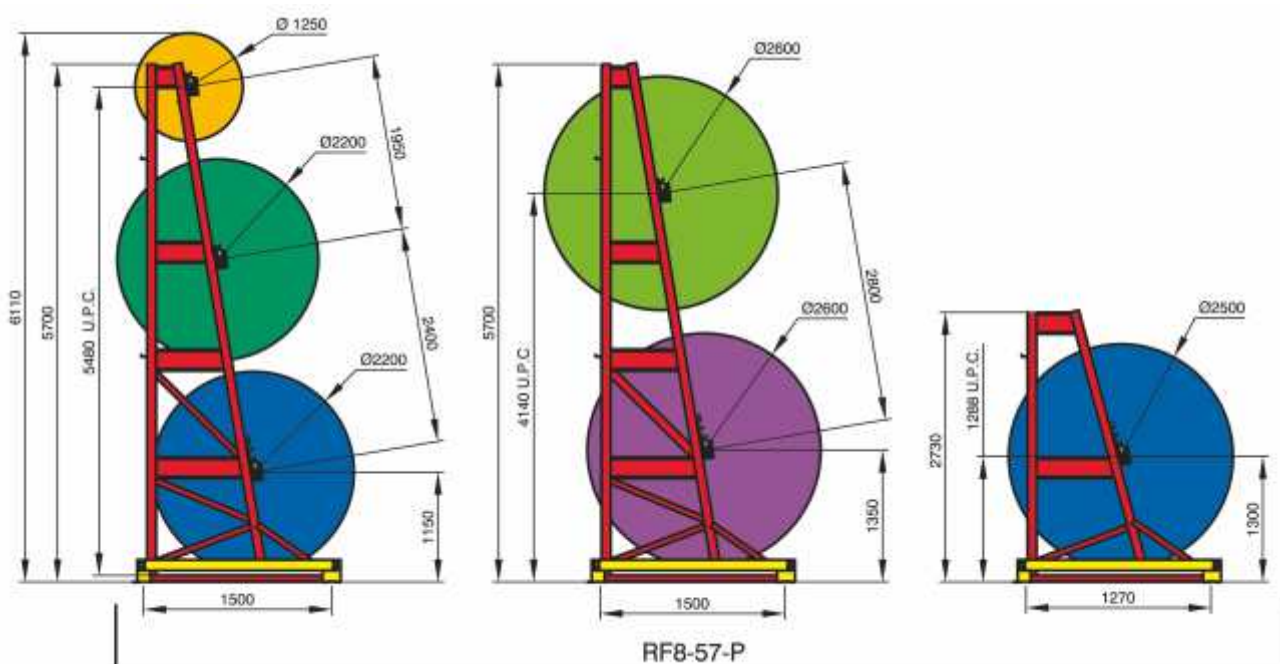
REFERENCE	MODEL	HEIGHT (mm)	WEIGHT(Kg)	N° OF REELS
TL5515	RF8-27-SL	2760	28	4
TL5516	RF8-34-SL	3460	35	5
TL5517	RF8-41-SL	4160	41	6 *
TL5518	RF8-50-SL	4960	55	7
TL5519	RF8-56-SL	5660	59	8

\* Five 600 mm reels plus one 500 mm diameter reel.

Nicoletti has a wide range with solutions for any vertical reel storage requirement. This system optimises space requirements and improves handling times and operator safety, since it includes a safety system which eliminates the risk of reels falling of the rack. When requesting quotations, it is necessary to supply the length and height of the area to be occupied.



Contact our technical Department for more information about shaft and coned for reel rack.



## TL5508

### Electric hoists

Rugged, compact and reliable. Controlled by a low voltage (48 V) safety panel, with an emergency stop button. Friction load limit which acts as a backup limit switch. Chain bag, depending on height.

- Maximum work load 125 - 2000 kg.
- Single speed or two speed.
- Supplied with 3 m of chain.

#### NOTE

Can be used with a manual, chain driven or motorised wheeled platform.

Fixed version  
with hook



REFERENCE	CAPACITY (Kg)	BRANCHES	SPEEDS	WEIGHT(Kg)
TL5508	125	1	1	25
TL5509	250	1	1	31
TL5510	500	2	2	33
TL5511	500	1	1	38
TL5512	1000	2	1	43
TL5513	1000	1	2	56
TL5514	2000	2	1	64

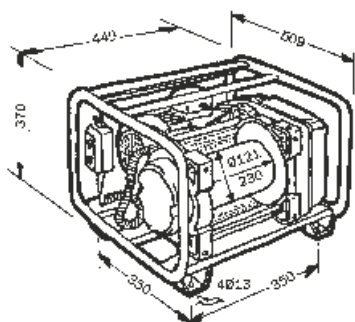
## TL5533

### Electric winches

Compact, high performance, extremely rugged winches supplied with protective frame. Manufactured from aluminium and injected polycarbonate, the special gear teeth reduce noise significantly. Sealed gearbox.

REFERENCE	CHARGE (Kg)	ENGINE	POWER (kW)	DRUM CAPACITY (m)	Ø CABLE (m)	WEIGHT(Kg)
TL5533	300	Single-Phase	0,75	60	5	50
TL5534	300	Three-phase	0,75	60	5	50
TL5535	500	Single-Phase	1,5	80	7	95
TL5536	500	Three-phase	1,5	80	7	95
TL5537	800	Three-phase	2,2	60	8	100

- Maximum work load 300 - 800 kg.
- Single and three phase versions available
- The base is shaped to accept ballast.



#### NOTE

Cable optional  
(anti-swivel cable  
recommended).



## GENERATORS

A wide range of rugged generators with an excellent engine/alternator response, offering unbeatable safety and extra durability.

## Single phase 230v with HONDA petrol engine (3000 rpm, manual start)

REFERENCE	MODEL	POWER W.	MEASURES (mm)	WEIGHT(Kg)
TL5538	2800 MBH	2200	620x440x440	37
TL5539	4000 MBH	3000	620x440x440	40
TL5540	5000 MBH	4000	700x500x555	58

## Three phase 400v with HONDA petrol engine (3000 rpm, manual start)

REFERENCE	MODEL	POWER W.	MEASURES (mm)	WEIGHT(Kg)
TL5541	6000 TBH	5500	660x500x565	63



## Single phase 230v with YANMAR diesel engine (3000 rpm)

REFERENCE	MODEL	POWER W.	STARTING	MEASURES (MM)	WEIGHT(Kg)
TL5542	6000 DS/GS	6000	Manual	890x540x580	103
TL5543	6000 DES/GS	6000	Electricity	890x540x580	104
TL5544	6000 DES/GS-L***	6000	Electricity	910x530x620	120

\*\*\* 18 litre fuel tank gives extended run time.

## Three phase 400v with YANMAR diesel engine (3000 rpm)

REFERENCE	MODEL	POWER W.	STARTING	MEASURES (MM)	WEIGHT(Kg)
TL5545	6500 DS/GS	6500	Manual	890x540x580	107
TL5546	6500 DES/GS	6500	Electricity	890x540x580	108
TL5547	6500 DES/GS-L***	6500	Electricity	910x530x620	125

\*\*\* 18 litre fuel tank gives extended run time.



## NOTE

For more details, contact our Sales Department.



## WELDING GENERATORS

### TL5548

#### TS200 Welding generator

4 hp, 3,000 rpm air-cooled petrol engine. Manual recoil start. Engine stops automatically if oil pressure is insufficient. External fairing and protective tubular frame.

- One auxiliary power takeoff, 400 V 50 Hz 16 A.
- One auxiliary power takeoff, 230 V 50 Hz 16 A.
- Welding 160 A. Takes electrodes up to 4 mm.
- HONDA engine.
- Dimensions: 910 x 530 x 580 mm.
- Weight 108 kg.
- Noise level 73 dB.
- Fuel tank capacity 6.5 litres. Run time 2 hours.
- IP-23 protection.



## COMPRESSORS

### TL2548

#### Air compressor

Single action compressors which require very little maintenance yet provide high-performance and superior durability.

REFERENCE	CAPACITY (LITER)	POWER (hp)	MEASURES(mm)	WEIGHT(Kg)
TL2548	24	2	580x250x580	19
TL2547	50	2	840x360x840	30

#### NOTE

A wide range is available, depending on power requirements, air tank capacity, single or double acting, etc. For more details, contact our Sales Department.





## PNEUMATIC TOOLS

The range of pneumatic or air tools is extremely large; here we show a small but significant sample of what is available, but our Sales Department will be happy to give a speedy, clear reply to any enquiries related to these tools and machines.

### TL5549 ½" square drive impact wrench

Double hammer impact wrenches with only 4 moving parts for easy maintenance. They provide instant, balanced impact with more power and less vibration for the operator. Pressurised lubrication system. The variable speed trigger provides total control of the output power.

- Torque 610 Nm.
- Weight 2,6 kg.



### TL5550 Socket sets

Standard hexagonal socket sets for impact wrenches and ratchet wrenches with ½" square drives, sizes 10-11-12-13-14-15-16-17-18-19-21-22-23 and 24.

#### NOTE

Other measurements available.

Supplied in metal case.



### TL5551 Socket sets

Extended hexagonal socket sets for impact wrenches and ratchet wrenches with ½" square drives, sizes 17-19-21-22 and 24.



### TL5552 Set of ½" Socket Wrenches

Set of one TL5549 ½" impact wrench plus one TL5553 ½" ratchet wrench and 5 standard sockets. Supplied in a PVC case.



### TL5553 ½" ratchet wrench

Extremely robust head design with a torque of 68 Nm. Progressive lever action. Rotary 360° air exhaust. Reversible.



### TL5554 Pneumatic drill

Offers high-power with low compressed air consumption. Ergonomic grip with precision trigger. Noise reduction. Standard 13 mm chuck. Weight 1,4 kg.



#### NOTE

Supplied in PVC carrying case.

Reversible drills also available.

## VACUUM CLEANERS

### TL1560 1200 W vacuum cleaner

Single motor, 1200 W maximum, 43 L tank, manufactured from heavy duty polypropylene. For vacuuming powder and liquids. Very rugged and robust. Includes hose and set of accessories, diameter 38 mm.

### TL1561 2400 W vacuum cleaner

Two motor vacuum cleaner, 2400 W maximum. 90 L tank, manufactured from heavy duty polypropylene. For vacuuming powder and liquids. With trolley and liquid drain tube. Includes hose and set of accessories, diameter 38 mm.

### TL1562 3600 W vacuum cleaner

Three motor vacuum cleaner, 3600 W maximum. 114 litre tank (tilting).

Manufactured from heavy duty polypropylene. For vacuuming powder and liquids. The large capacity tank makes it ideal for large surfaces. With trolley and liquid drain tube. Includes hose and set of accessories, diameter 38 mm.



#### NOTE

Set of accessories included.

## HYDROCLEANERS

### TL5555 EES Hot water cleaner

The new EES series hot water hydrocleaners are small, easy to handle and lightweight, and need very little maintenance. They have independent motors, a professional high-performance tank and the thermostat for regulating the temperature from 0-90°. Hot or cold water selector.

REFERENCE	MAXIMUM PRESSURE(Bar)	WATER FLOW (l/min.)	TENSION (V.)	WEIGHT(kg)
TL5555	120	10	230	80
TL5556	160	13	400	90
TL5557	200	10	400	90

#### Accessories:

- Heatproof gun with swivel connection.
- Gun length 900 mm.
- 8 metre hose.
- Dimensions: 750 x 660 x 740 mm.



## TL5558 FT cold water cleaner

The FT series cold water hydrant cleaner is a strongly built professional machine. There is one single phase and several three-phase models, with pressures from 130 to 220 bar. All models have automatic stop devices. The motors are equipped with heat protection to enable continuous work. These machines dispense chemicals at low pressure, controlled at the gun. Dimensions: 750 x 480 x 880 mm 8 litre detergent tank.

REFERENCE	PRESSURE MAX. (Bar)	POWER (kW.)	WEIGHT(Kg)
TL5558	130	3,8	43
TL5559	170	7	45
TL5560	215	9,5	46
TL5561	220	10,2	50
TL5562	130	3,8	54
TL5563	150	7	55
TL5564	200	9,5	61

Accessories included:

- Spray gun plus extension.
- 8 metres of R2A double steel mesh 5/16" hose.
- Double lance with pressure and chemical product control
- Heavy duty steel nozzle.
- Brass nozzle for low-pressure chemicals.



## MAGNETIC BASE DRILL

## TL2418 Drill

Designed fundamentally for the electrical industry, this machine can quickly and easily drill holes at high speed in hard-to-access places. Cutting capacity 30 mm diameter, 25 mm deep.

Solidly built and extremely stable, it has an electronic overload protection clutch to protect the motor and the cutters.

- Height 365 mm.
- Weight 11,3 kg.

### NOTE

Supplied in PVC carrying case.



## TL1379 Cutter

See next page for accessories.



## TL1379

### Cutter for magnetic base drill

The unique design features of these cutters offer enormous advantages over twist drills. A twist drill cuts across the entire surface of the hole, whereas the cutter makes a ring-shaped cut on the periphery, leaving a core which is removed later.

- Efficient power-penetration ratio.
- Advanced geometry.
- Minimum heat generation.
- Superior strength.



#### NOTE

Other sizes available.

SHORT CUTTER INCLUDED

REFERENCE	TL1379	TL1380	TL1381	TL1382	TL1383	TL1384	TL1385	TL1386	TL1387	TL1388	TL1389	TL1390
MEASURES(mm)	12	13	14	15	16	17	18	19	20	21	22	23

## TL5565

### Centring drill

Centring points (short - 25 mm) for magnetic base drills.

REFERENCE	DRILL MÍN.	DRILL MÁX.
TL5565	11	12
TL5566	13	52



## TL2193

### Chaser

Machine for making chases in floors and walls of hollow or solid brick or cement blocks. When the motor stops, the machine remains in the wall, and so the operator does not have to support its weight. Thanks to its special design this chaser leaves less finishing work to do in corners (2 cm).

- 220 V single phase motor.
- Current 2,8 A.
- Double insulation.
- Weight 7,7 kg.
- Power 2,4 hp.



## TL2190

### Cutters for chaser

REFERENCE	DIAMETER (mm.)	CUT (mm.)	DEPTH (mm.)
TL2190	100	25	25
TL2191	115	25	35
TL2192	130	15	45



## TL2413

### Cutting oil

Drill lubricating oil in 1 litre container. Improves the quality of cut and extends the life of magnetic base drill cutters.





## PORTABLE ELECTRIC PIPE BENDER

## TL1694

### Pipe bender

Easy-to-use bender for making precision cold curves of up to 180° in rigid and coated annealed copper pipes, stainless steel and aluminium tubing, electrical construction conduits and building rods. Angles can be calibrated automatically, ideal for bending multiple tubes. Dies of 16-20-25 and 32 mm will be supplied for electrical conduits.

- Adjustable from 0° to 180°.
- Capacity 12 - 30 mm (3/8" to 1-1/8").
- Power 1010 W.
- Weight 7,8 kg.



## PORTABLE ELECTRIC THREAD CUTTER

## TL5568

### Thread cutter

For making conical threads in pipes, from 1/4" to 2". Housing made from aluminium alloy. Mechanical reverse lever. A set of accessories for cutting 16-20-25 and 32 mm threads is supplied.

- Carrying case.
- Power 1010 W.
- Weight 6 kg.



## NOTE

Ref. TL4809 it supplied with accessories for 20-25-32 and 40 mm.

## NAIL GUNS

### TL4679

#### Model P370 powder actuated nail gun

Rapid firing, thanks to the automatic piston return, and minimum recoil for maximum operator comfort. Cartridge with 10 nails. Knurled wheel for adjusting power.

- Power 350 J.
- Weight 2,7 kg

CHARGES		
REFERENCE	COLOR	CALIBER
TL4681	Brown	6,3/10 very weak
TL4683	Green	6,3/10 weak
TL4680	Yellow	6,3/10 average
TL4682	Red	6,3/10 very strong

NAILS FOR CONCRETE		
REFERENCE	LENGTH (mm)	UNITS FUND
TL5570	20	500
TL5571	25	500
TL5572	30	500
TL5573	35	500
TL5574	40	300
TL5575	50	300



Model P60

NAILS FOR STEEL		
REFERENCE	LENGTH (mm)	UNITS FUND
TL5576	15	500
TL5577	20	500
TL5578	25	500
TL5579	30	500
TL5580	35	500
TL5581	40	300

### TL4684

#### Gas nail gun

Specially designed for the electrical industry. A compact, well-balanced tool with a long running time, which makes fixing accessories much faster than with traditional methods.

- Power source: gas cartridge.
- Power 82 J.
- Weight 3,6 kg.

NAILS CHARGE + GAS		
REFERENCE	LENGTH (mm)	EQUIPMENT
TL4687	15	Steel
TL4688	20	Concrete
TL4689	25	Concrete
TL4690	30	Concrete
TL4691	35	Concrete



#### NOTE

Can be used for any material without adjustment.

## PORTABLE GAS STAPLER

## TL5583

### Gas stapler

Very light and easy to use, can apply 1,800 staples with each gas cartridge. Capacity 150 staples. Nozzle with depth adjustment for high quality finishes. Very rapid action.

REFERENCE	MODEL
TL5584	Divergent of 19 mm
TL5585	Straight of 32 mm
TL5586	Straight of 38 mm
TL5587	Straight of 51 mm

- 19 to 51 mm. galvanised staples.
- Staple width 12,7 mm.
- Thickness 1,4 x 1,6 mm.



## IMPACT NUTRUNNERS

## TL5588

### Gds nutrunner

Percussion mechanism with reduced recoil torque. Offers higher percussion power with low weight. Incorporates reverse mechanism for tightening and untightening, easy-to-use, minimum maintenance.

REFERENCE	MODEL	POWER (W)	SCREW	MEASURES EXT.	WEIGHT
TL5588	GDS18E	500	M 6-M 18	½"	3,3
TL5589	GDS24	800	M 24	¾"	5,7
TL5590	GDS30	920	M 30	1"	7,3



## BREAKER AND ROTARY HAMMERS

## TL3592

### Rotary hammer

This model has a powerful motor and a heavier striker for higher performance. Perforates concrete, stone or brickwork up to 50 mm with solid bits, or 150 mm with core bits. Auto-disconnect brushes, AVS anti-vibration system and trigger with lock. With the appropriate accessories, it can carry out several tasks such as excavation, cutting and compacting.

- Power absorbed 1700 W.
- Percussion (no rotation) 1900 strokes per minute.
- Minimum bit diameter 28 mm.
- Maximum bit diameter 50 mm.
- Maximum core bit diameter 45-150 mm.
- Weight 11,8 kg.

## NOTE

Can use 21 mm hexagonal chuck.  
Supplied in metal carrying case.



### TL3591 Breaker hammer

Designed for demolishing or cutting all types of concrete and brickwork with pointed, spade or chisel tips. Auto-disconnect brushes, AVS anti-vibration system and trigger with lock. With the appropriate accessories, it can carry out tasks such as: excavation, compacting or driving earth spikes.

- Features:
- Output power 1600 W.
- Percussion 950 strokes per minute under load.
- Length 675 mm.
- Weight 11 kg.

ACCESSORIES FOR BREAKER HAMMERS			
REFERENCE	MODEL	WIDE (mm)	LENGTH (mm)
TL5592	Pointer	-	320
TL5593	Pointer	-	450
TL5594	Chisel	25	320
TL5595	Chisel	25	450
TL5596	Wide chisel	50	320



## DRILLS

### TL1607 Drills

Small, easy to handle drills, with die cast aluminium gear case, switchable reversing feature. Safety clutch. Auto-disconnect carbon brushes.

REFERENCE	MODEL	POWER (W)	PORTABLES BITS CAPACITY (mm)	CLOSURE	Nº REVOLUTIONS	WEIGHT (Kg)
TL1607	BE250 R+L	320	0,5 a 10	Closing fast	0-3000	1,35
TL5597	BE530 R+L	520	0,5 a 10	Closing fast	0-2600	1,50
TL5598	BE622 S-R+L	620	1,5 a 13	Key	0-550	2,10
TL5599	BDE1100	1100	3 a 16	Key	0-640/0-1200	3,80



#### NOTE

Ref. TL1607, smaller in size and weight, is an ideal tool for installing electrical panels.



## TL5600

### Percussion drills

Percussion drill with die cast aluminium gear case. Axial/radial cooling fan. Two speed gearbox. Safety clutch. Chuck with hexagonal interior for screwdriver bits.



REFERENCE	MODEL	POWER (W)	PORTA BITS CAPACITY (mm.)	CLOSURE	N° REVOLUTIONS	WEIGHT (Kg)
TL5600	SBE660	660	1 a 13	Closing fast	0-1000/0-3000	2,10
TL5601	SBE750	750	1,5 a 13	Closing fast	0-1000/0-3000	2,30
TL5602	SBE850	850	1,5 a 13	Closing fast	0-640/0-1200	2,40
TL5603	SBE1010	1010	1 a 13	Closing fast	0-900/0-2600	2,40

## TL5604

### Electro-pneumatic hammers

Suitable for insertion tools with SDS shanks. High power electro-pneumatic percussion mechanism, which can also drill without hammer action. Like the above drills, it has a die cast aluminium gear case and safety clutch. Right and left reversible. Rubber coated pistol grip.



REFERENCE	MODEL	POWER (W)	PORTA BITS CAPACITY (mm.)	ENERGY (julios)	WEIGHT (Kg)
TL5604	BHE22	660	22	0-1,8	2,40
TL5605	BHE24	705	24	0-2,2	2,40
TL5606	BHE26	750	26	0-2,3	2,6
TL5607	KHE28	1010	28	0-2,5	2,7
TL5608	KHE32	900	32	0-3,5	3,6

#### NOTE

Capacity refers to concrete.

Uses chisels and other accessories with SDS shanks.

## ANGLE GRINDERS

### TL1622

#### W7-115 Angle grinder

The W7-115 angle grinder has a safety clutch to protect the user against the recoil produced when the disc jams, and a robust, wear-resistant die cast aluminium gearbox. The wheel guard can be adjusted without tools.

- Power 750 W.
- Disc diameter 115 mm.
- Weight 1,8 kg.



### TL1621

#### W21-230 Angle grinder

The W21-230 angle grinder has a very robust motor protected against dust for an extra-long life. Adjustable grip and wheel guard adjustable without tools, giving optimum protection against sparks. Safety switch to prevent accidental starting.

- Power 2100 W.
- Disc diameter 230 mm.
- Weight 4,8 kg.



## CORDLESS TOOLS

### TL5609

#### Drill + screwdriver

BSZ12 cordless combination drill/screwdrivers, adjustable torque, forward/reverse. Quick closure chuck, capacity 1,5 to 13 mm. Accumulator voltage 12 v/2 Ah. Supplied with carrying case and two Ni/Cd batteries. Weight 2 kg.



### TL5610

#### Drill + Percussion screwdriver

SBP12 PLUS cordless combination drill/screwdrivers, adjustable torque, forward/reverse. The percussion action and high rpm combine to give an optimum cutting speed. Quick closure chuck, capacity 1,5 to 13 mm. Accumulator voltage 12 v/2 Ah. Supplied with carrying case and two Ni/Cd batteries. Weight 2,8 kg.



## TL1614

### Hammer drill

The BHEA14SR+L cordless hammer drill has a high-power pneumatic percussion mechanism. Die cast aluminium gear case for optimum heat dissipation. Instant stop feature for non-impact drilling and screwdriving. Right and left reversible. Supplied with one Ni/Cd battery. Auxiliary handle, drill stop and quick charger.

- Accumulator voltage/capacity 14,4 V, 4 Ah.
- Diameter in concrete 20 mm.
- 0 - 1100 rpm.
- SDS Plus tool attachment system.
- Metal carrying case.
- Weight incl. accumulator: 4,4 kg.



#### NOTE

Ref. TL1605: spare battery.

## ACCESSORIES

PORTA BITS		
REFERENCE	CLOSURE	DRILL CAPACITY (mm)
TL2544	Speed	1-13
TL2545	Speed	3-16
TL5611	Key	1,5-13
TL5612	Key	3-16



#### NOTE

Ref. TL2543: adapter for SDS chuck adapter.

KITS BITS			
REFERENCE	RANGE	PIECES	MEASURES (mm)
TL2345	HSS	19	1 a 10
TL2346	HSS	25	1 a 13
TL5634	HSS Co	19	1 a 10
TL5635	HSS Co	25	1 a 13
TL5636	WIDIA	7	4 a 12**
TL5637	WIDIA	8	3 a 10

#### NOTE

\*\* Set of 4-5-6-7-8-10 and 12 mm bits.

BITS			
MEASURES (mm)	MODEL HSS	MODEL HSSco	WIDIA
0,5	TL5613	TL5614	-
1	TL2287	TL5615	-
1,5	TL2288	TL5616	-
2	TL2297	TL5617	-
2,5	TL2298	TL5618	-
3	TL2299	TL5619	TL2316
3,5	TL2300	TL5620	-
4	TL2301	TL5621	TL2317
4,5	TL2302	TL5622	-
5	TL2303	TL5623	TL2318
5,5	TL2304	TL5624	-
6	TL2305	TL5625	TL2319
6,5	TL2306	TL5626	-
7	TL2307	TL5627	TL2320
7,5	TL2278	TL5628	-
8	TL2308	TL5629	TL2321
8,5	TL2279	TL5630	-
9	TL2309	TL5631	TL2322
9,5	TL2280	TL5632	-
10	TL2310	TL5633	TL2312



## TL2360

### SDS bits

SDS PLUS percussion bits with precision ground flutes, allowing the removal of dust, welded, diamond sharpened carbide cutting tip. For drilling concrete, brick, stone, cement and granite.



DIAMETER	TOTAL LENGTH (mm)							
	110	160	210	260	310	450	600	1000
6	TL2360	TL2361	TL5641	TL5646	-	TL5660	-	-
8	TL5638	TL2362	TL2363	TL2284	-	TL5661	-	-
10	TL5639	TL2364	TL5642	TL2281	TL5653	TL2365	TL5665	TL5669
12	-	TL2366	TL5643	TL2282	TL5654	TL5662	TL5666	TL5670
14	-	TL2294	TL5644	TL2367	TL5655	TL5663	TL5667	TL5671
16	-	TL5640	TL2369	-	TL5657	TL2370	TL2371	TL2368
18	-	-	TL5645	TL5647	TL5658	TL2373	TL2374	TL2372
20	-	-	TL2375	TL5648	TL5659	TL2376	TL2377	TL5672
22	-	-	-	TL5649	-	TL2378	TL5668	TL5673
24	-	-	-	TL5650	-	TL2379	-	-
26	-	-	-	TL5651	-	TL2381	-	-
28	-	-	-	TL5652	-	TL5664	-	-

## TL5675

### Moil points and chisels for electro-pneumatic hammers

SDS PLUS shanks. Can be used with the KHE28-KHE32 hammers, using the TL5674 chisel adapter which eliminates rotary movement. For more information, contact our Sales Department.

REFERENCE	TYPE	WIDE (mm)	LENGTH (mm)
TL5675	Pointer	-	250
TL5676	Chisel	20	250
TL5677	Wide Chisel	40	250





## TL5678

### Hole saws for construction

Hard metal hole saws, with 11 mm SDS plus and hexagonal shanks. To work with this type of hole saw, the three items must be used together (hole saw + shank + guide drill).

REFERENCE	DIAMETER (mm.)	Nº TEETH
TL5678	35	6
TL5679	40	6
TL5680	50	6
TL5681	68	6
TL5682	80	6



## TL5806

### Hexagonal shank

220 mm long 11 mm hexagonal shank, for chucks up to 13 mm.



#### NOTE

Ref. TL5807: 370 mm shank.

## TL5808

### SDS PLUS shank

SDS PLUS shank, length 220 mm.



#### NOTE

Ref. TL5809: 370 mm shank.

**NOTE**  
Not to be used for metals or for reinforced concrete with rebar.

## TL5810

### Guide bit

8 mm guide bit.  
Length 120 mm.



## TL5897

### Mini Gar Series Transformer

The Mini Gar series are single phase connection welding transformers for use with coated electrodes. The choice of model depends on the diameter of the electrodes to be used and the demand requirement (run factor) of the particular job.

REFERENCE	MODEL	MAXIMUM ELECTRODE (mm)
TL5897	Minigar 140	3,25
TL5898	Minigar 180	4
TL5899	Minigar 250	4-5



#### NOTE

Equipment necessary for using this equipment correctly and safely.

## TL5811

### Portable oxyacet welding kit

Portable welding kit with two cylinders (Oxy-acetylene) with torch, trolley, safety valve, 3 metres of hose and nozzle holder.



#### NOTA

Ref: TL5813: cutting device and acetylene cutting trolley.



## TL5812

### Portable oxybuta welding kit

Portable welding kit with two cylinders (Oxy-butane) with torch, trolley, safety valve, 3 metres of hose, nozzle holder and regulator.



#### NOTA

Ref: TL5814: cutting device and butane cutting trolley.

## TL5815

### Butane/propane kit

Butane/propane kit, EN731 compliant, specially designed for installers and electricians. Handle with economiser, long lance and No. 5, 6 and 7 nozzles. Non-reinforced flexible hose (6 x 12), 2,5 metres.



## MISCELLANEOUS

## TL2202

### Hot air gun

With electronic heat regulation. The temperature range is 80 - 600 °C. Supplied with several accessories, nozzles and PVC carrying case.



## TL2540

### Cable reel

Cable reel manufactured from tough plastic, with braking system and clip for fixing the cable to the drum body, mounted on galvanised tubular steel frame. Equipped with four power points with protective covers.



REFERENCE	DIAMETER (mm)	HOSE
TL2540	Empty	-
TL2541	25	3x1.5
TL2542	50	3x1.5