



GARAGE EQUIPMENT

SECTION

TRUCK INDUCTION

G LIFTING EQUIPMENT		4-44
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MID RISE SCISSOR LIFT	14-17	
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LIFTING EQUIPMENT

2 POST LIFTS	4-9
DOUBLE SCISSORS LIFT	10-13
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CRANE	28-35
TRANSMISSION JACK	36-41
TROLLEY JACKS	42-44



ELECTRO-HYDRAULIC 2 POST LIFT - 4 TON

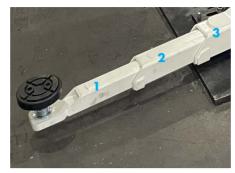




Extended adjustment of the arms

Buzzer



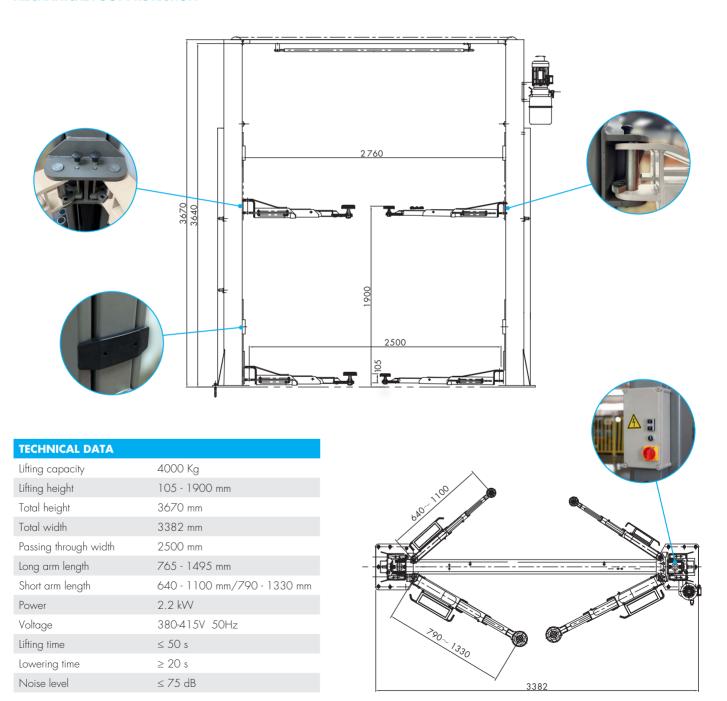




MECHANICAL FOOT PROTECTION

THREE-STAGE ARMS

EXTENSION HOUSING BRACKET





SYMMETRIC ELECTRO-HYDRAULIC 2 POST LIFT WITH BASE FRAME - 4 TON



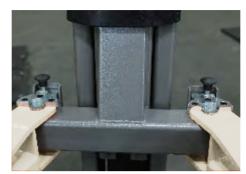




- Two hydraulic cylinders
- Wedge released through electromagnet
- Automatic locking of arms
- Overload hydraulic safety device
- automatic control unit
- Automatic release of the safety devices during the descent phase
- "Dead man" controls 24V
- Lowering valve with manual descent

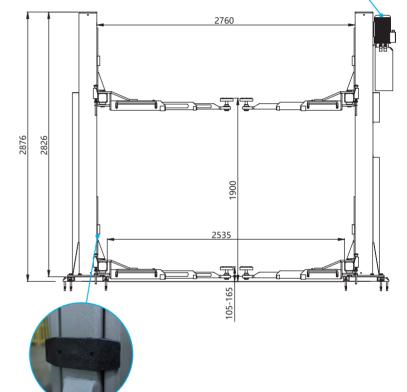


MECHANICAL FOOT PROTECTION





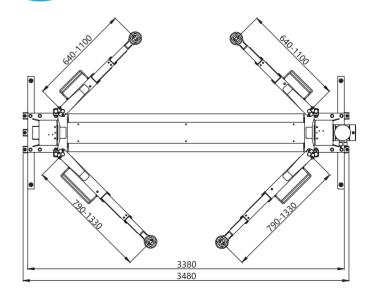
THREE-STAGE ARMS





EXTENSION HOUSING BRACKET

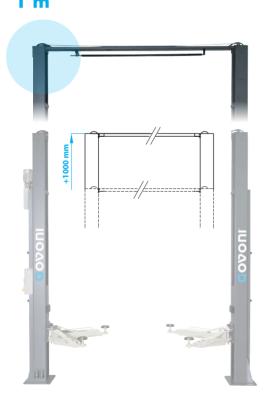
TECHNICAL DATA	
Lifting capacity	4000 Kg
Lifting height	105 mm - 1900 mm
Total height	2876 mm
Total width	3480 mm
Passing through width	2535 mm
Long arm length	790 - 1330 mm
Short arm length	640 - 1100 mm
Power	2.2 kW
Voltage	380-415V 50Hz
Lifting time	≤ 50 s
Lowering time	≥ 20 s
Noise level	≤ 75 dB



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EXTRA-LOW-PROFILE HYDRAULIC DOUBLE SCISSOR LIFT - 3.5 TON







- Overload safety valve
- Safety valve in case of sudden loss of pressure
- Descent speed control valve
- "Dead man" controls 24V

- Set of 4 rubber pads
- "Buzzer" on last portion of descent
- Predisposition for inground*



^{*} For the construction of civil works, ask for detailed drawings

LIFTING EQUIPMENT

DOUBLE SCISSORS LIFT

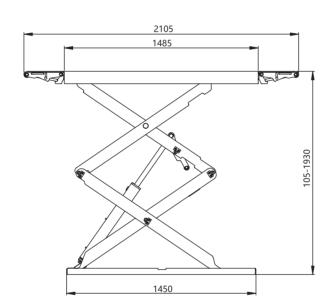


GALVANIZED BASE



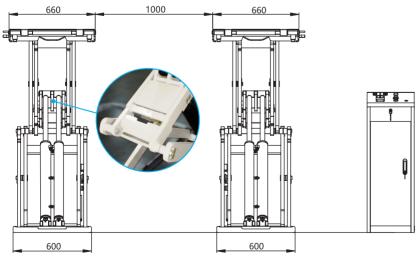
INTEGRATED LUBRICATION SYSTEM







HYDRAULIC PLATFORMS' SYNCHRONIZATION



TECHNICAL DATA	
Lifting capacity	3500 Kg
Lifting height	105 mm -1930 mm
Platform length	1485 mm
Total length	2105 mm
Platform width	660 mm
Total width	2320 mm
Distance between platform	900 mm
Power	2.2 kW
Voltage	380 - 415V 50Hz
Lifting time	≤ 50 s
Lowering time	≥ 20 s
Noise level	≤ 75 dB



EXTRA-LOW-PROFILE HYDRAULIC DOUBLE SCISSOR LIFT - 4 TON





- Overload safety valve
- Safety valve in case of sudden loss of pressure
- Descent speed control valve
- "Dead man" controls 24V

- Set of 4 rubber pads
- "Buzzer" on last portion of descentPredisposition for inground*



^{*} For the construction of civil works, ask for detailed drawings



INTEGRATED LUBRICATION SYSTEM



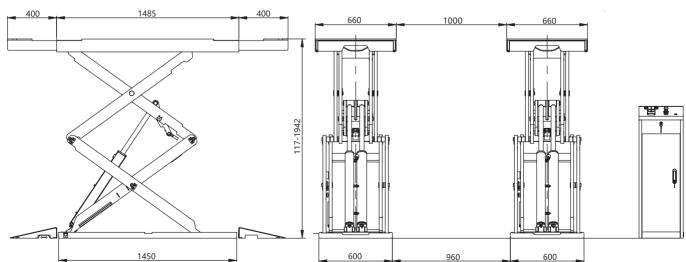
HYDRAULIC PLATFORMS' SYNCHRONIZATION



TECHNICAL DATA	
Lifting capacity	4000 Kg
Lifting height	117 mm - 1942 mm
Platform length	1485 - 2285 mm
Platform width	660 mm
Total width	2220 mm
Distance between platform	900 mm
Power	2.2 kW
Voltage	380-415V 50Hz
Lifting time	≤ 50 s
Lowering time	≥ 20 s
Noise level	≤ 75 dB



GALVANIZED BASE





ELECTRO-HYDRAULIC, MID-RAISE SCISSOR LIFT FOR TYRE AND CAR BODY SHOPS - 3.5 TON







- Overload safety valve
- Safety valve in case of sudden loss of pressure
- Descent speed control valve
- "Dead man" controls 24V

- Safety control on last descent segment
- "Buzzer" on last portion of descentIntegrated lubrication system



EASY TO HANDLE DRIVE-ON AND DRIVE-OFF RAMPS



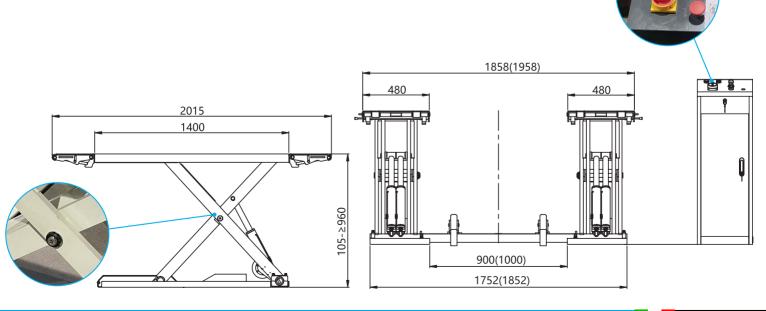
HYDRAULICALLY SYNCHRONIZED PLATFORMS



TECHNICAL DATA	
Lifting capacity	3500 Kg
Lifting height	105 mm - 960 mm
Platform length	1400 - 2015 mm
Platform width	480 mm
Total width	1920 (2020) mm
Distance between platform	900 (1000) mm
Power	3.2 kW
Voltage	380-415V 50Hz
Lifting time	≤ 50 s
Lowering time	≥ 20 s
Noise level	≤ 75 dB



SET OF 4 RUBBER PADS



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SHORT VERSION UP AND NEW **DOWN RAMP KIT**







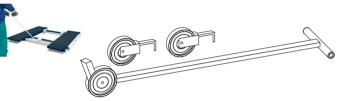














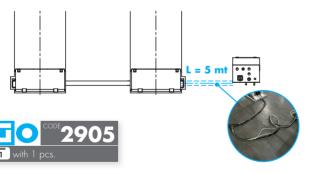


Compatibile with: GO3001













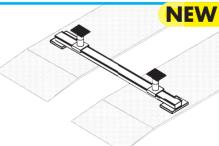


Compatible with: GO3021



CROSSBAR KIT FOR OFF-ROAD VANS















MOBILE LIFTING WITH GALVANIZED TABLE SUITABLE FOR ALL TYPES OF BATTERIE WEIGHING AND OTHER **AUTOMOTIVE COMPONENTS - 1000 KG**









Lifting and lowering via foot pedal + unlocking head on handle

wheels, ensure an easy handling/ positioning



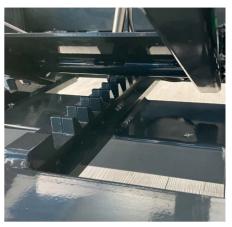




PLATFORM CENTRE SECTION
REMOVABLE (GRANTS ACCESS TO THE
CENTRE)



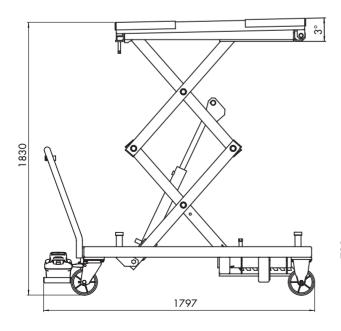
INCLINATION OF THE PLATFORM $\pm 2^{\circ}$ ADJUSTABLE

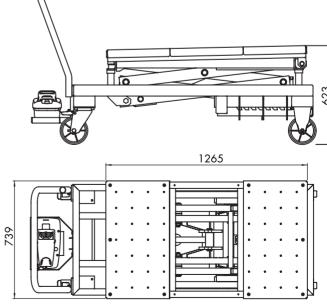


THE MECHANICAL RACKS PREVENT INVOLUNTARY DESCENT

TECHNICAL DATA	
Modular opening table	1/3 = 420 mm (centre section removable)
Tilting table (angle)	±2°
Capacity	max 1.000 kg
Lifting time	80 s (no load) / 100 s (full load)
Lowering time	60 s (no load) / 20 s (full load)
Air power supply	6/8 bar







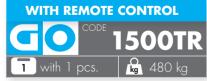


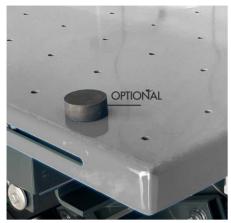


MOBILE LIFTING WITH GALVANIZED TABLE SUITABLE FOR ALL TYPES OF BATTERIE WEIGHING AND OTHER AUTOMOTIVE COMPONENTS - 1500 KG









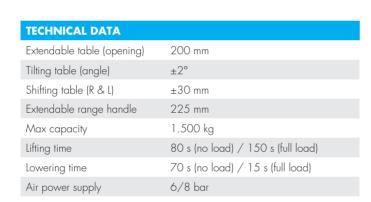
PLATFORM WITH THREADED HOUSINGS FOR SUPPORT ADAPTERS OR SPECIAL SOLUTIONS



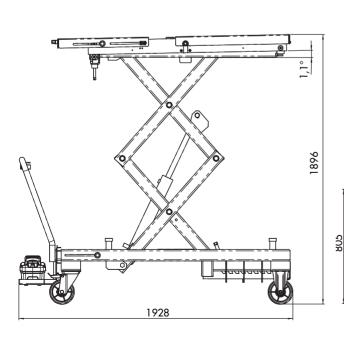
THE LARGE WHEELS, 2 SWIVELLING REAR WHEELS, ENSURE AN EASY HANDLING/POSITIONING

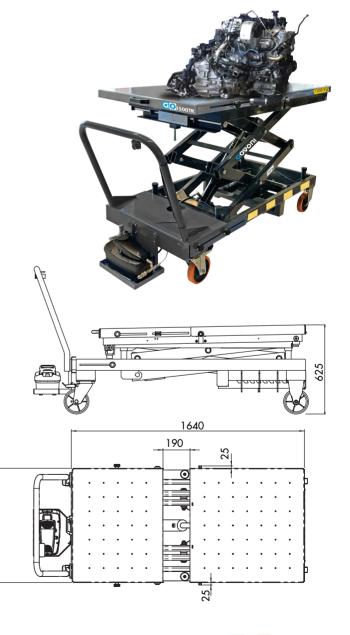


THE MECHANICAL RACKS PREVENT INVOLUNTARY DESCENT









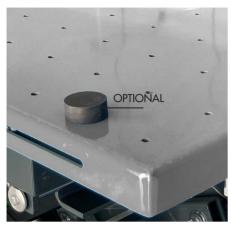




MOBILE LIFTING SUITABLE FOR ALL TYPES OF BATTERIE WEIGHING AND OTHER AUTOMOTIVE COMPONENTS, 2000 KG ELECTRO-HYDRAULIC

NEW





PLATFORM WITH THREADED HOUSINGS FOR SUPPORT ADAPTERS OR SPECIAL SOLUTIONS

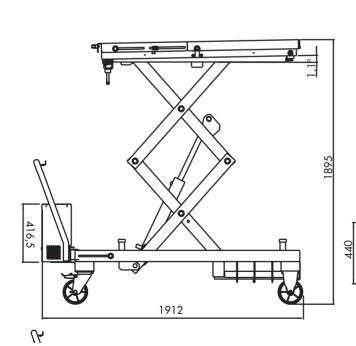


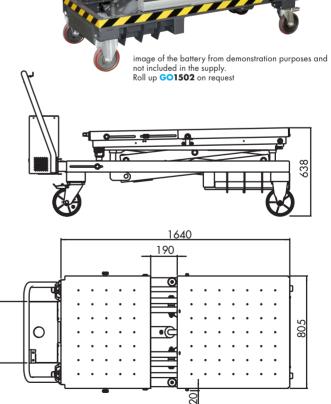
EXTENDABLE RANGE HANDLE (INCL. 2X HANDWHEEL FOR FIXATION)



THE LARGE WHEELS, 2 SWIVELLING REAR WHEELS, ENSURE AN EASY HANDLING/POSITIONING

TECHNICAL DATA	
Extendable table (opening)	200 mm
Tilting table (angle)	±2°
Shifting table (R & L)	±30 mm
Extendable range handle	200 mm
Max capacity	2000 kg
Lifting time	38 s (no load) / 42 s (full load)
Lowering time	90 s (no load) / 20 s (full load)
Power supply	380 Volt
Three-phase motor	1,1 kW







RUBBER SUPPORT ADAPTER KIT -M10







To be screwed to the platform (for battery

insulation).











SIDE PROTECTION SYSTEM



Protective roller blind for the scissor lift.

This roller blind can also be customized on

**Personalisation of the protective roller blind is

request**!



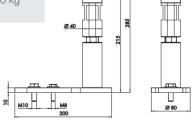


SET DI ACCESSORI PER BATTERY

TECHNICAL DATA Support foot lenght 200 mm Minimum height 215 mm 315 mm Maximum height Usable key for upper pin Threads used for top fixing M8 Maximum capacity for each 100 Kg













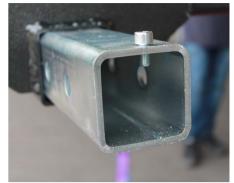
G

LIFTING FRAME WITH BELTS OR CHAINS FOR EV-BATTERY HANDLING - 1500 KG









COTTER PIN

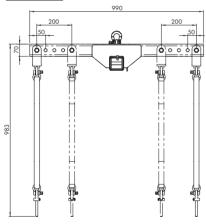
SELF-LOCKING NUT WITH METAL FERRULE

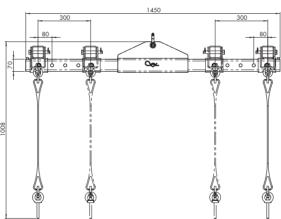
LIMIT STOP SCREW

TECHNICAL DATA	
Dimensions	1450x990x180mm
Max capacity	1500 kg
Main structure	S355 - UNI EN 10025-2:2019
Central pivot centre beam/main beam	C40
Locking pins	M16
Side beams stroke	300 mm
Gripper forks stroke	200 mm

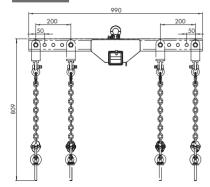


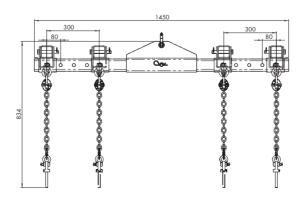
GO1505





GO1505C







HYDRAULIC FOLDING CRANE USED FOR LIFTING MECHANICAL COMPONENTS UP TO 1000KG

NEW

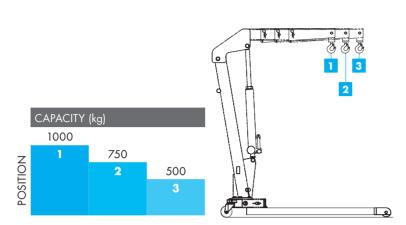














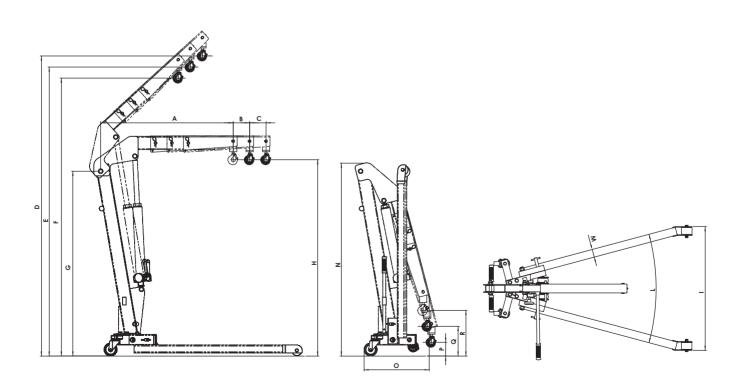








A	В	С	D	E	F	G	н
1011	125	125	2288	2203	2119	1409	1497
1	L	M	N	0	Р	Q	R
643.5	30°	60	1471	497	106	227	348





G

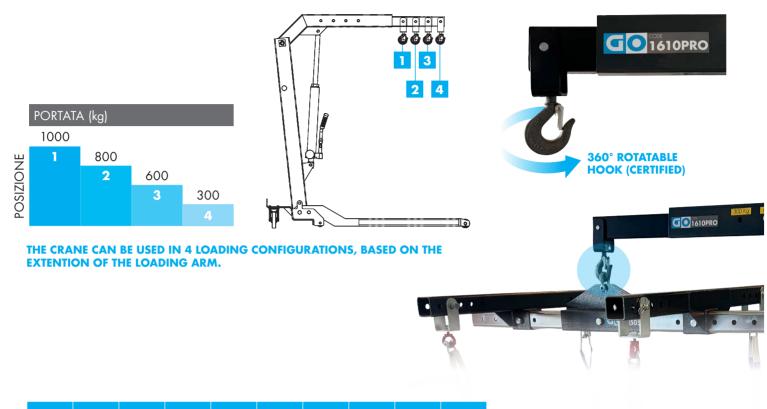
HYDRAULIC FOLDING CRANE USED FOR LIFTING MECHANICAL COMPONENTS UP TO 1000 KG

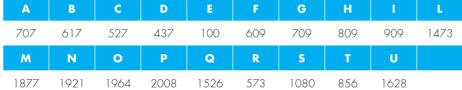
NEW

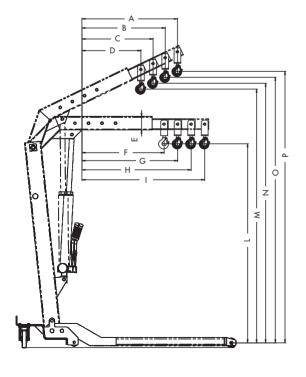


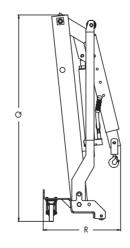
LIFTING EQUIPMENT

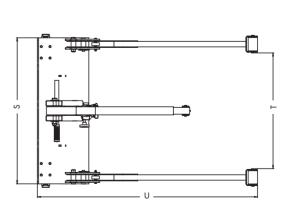
CRANE













G

HYDRAULIC FOLDING CRANE USED FOR LIFTING MECHANICAL COMPONENTS UP TO 2000 KG

NEW



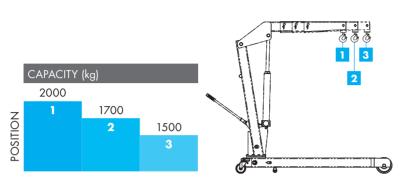




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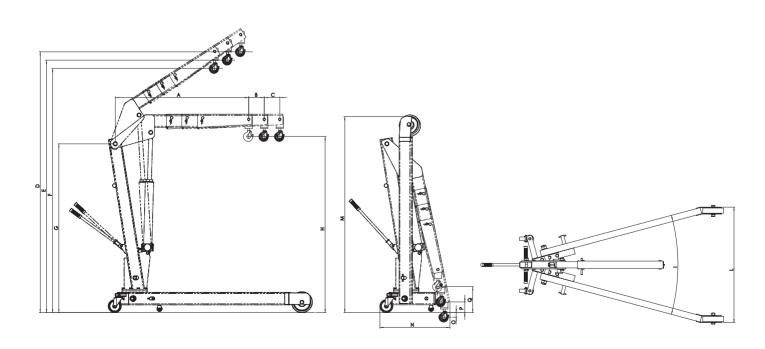








A	В	С	D	E	F	G	н
1288	150	150	2517	2436	2356	1629	1699
1	L	M	N	0	P	Q	
30°	1114	1892	676	43	104	250	



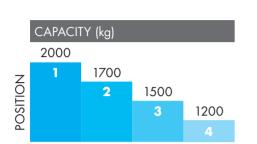


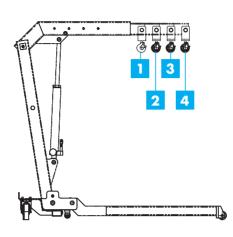
G

HYDRAULIC FOLDING CRANE USED FOR LIFTING MECHANICAL COMPONENTS UP TO 2000 KG

NEW









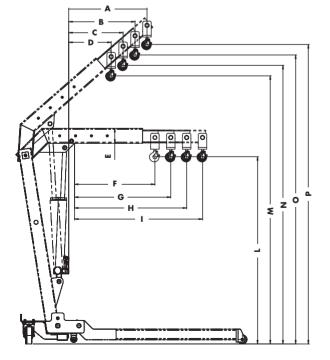
THE CRANE CAN BE USED IN 4 LOADING CONFIGURATIONS, BASED ON THE EXTENTION OF THE LOADING ARM.

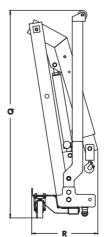
FOLDS IN A FEW SECONDS, TAKES UP VERY LITTLE SPACE WHEN REPOSITIONING

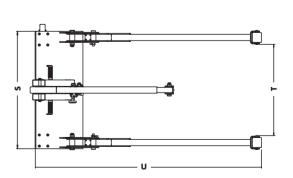
A	В	C	D	E	F	G	н	1	L
740	627	514	401	140	760	910	1060	1210	1770
M	N	0	Р	Q	R	S	T	U	
2534	2632	2731	2830	1960	625	1110	863	2138	



SWIVEL REAR WHEELS FOR MAXIMUM HANDLING











HYDRAULIC TRANSMISSION JACKS TO REMOVE AND INSTALL ENGINE, GEARBOXES AND HEAVY PARTS OF THE VEICHLES - 1 PISTON

(E





TRANSPORT HANDLE









LIFTING EQUIPMENT

TRANSMISSION JACK



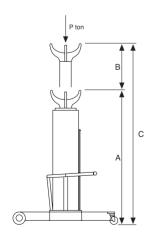


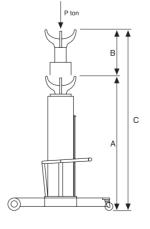


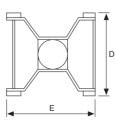
FOOT PEDAL PUMP

	TON	Α	В	С	D	E
GO1451	0.3	1150	850	2000	350	500
GO1450	0.6	1150	850	2000	370	500
GO1452	1	1200	850	2050	490	580
GO1453	1.5	1200	850	2050	490	580









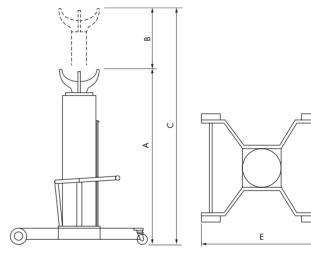




HYDRAULIC TRANSMISSION JACKS TO REMOVE AND INSTALL ENGINE, GEARBOXES AND HEAVY PARTS OF THE VEICHLES - 2 PISTONS



	TON	A	В	С	D	E
GO1454	1.5	1000	960	1960	600	760





((



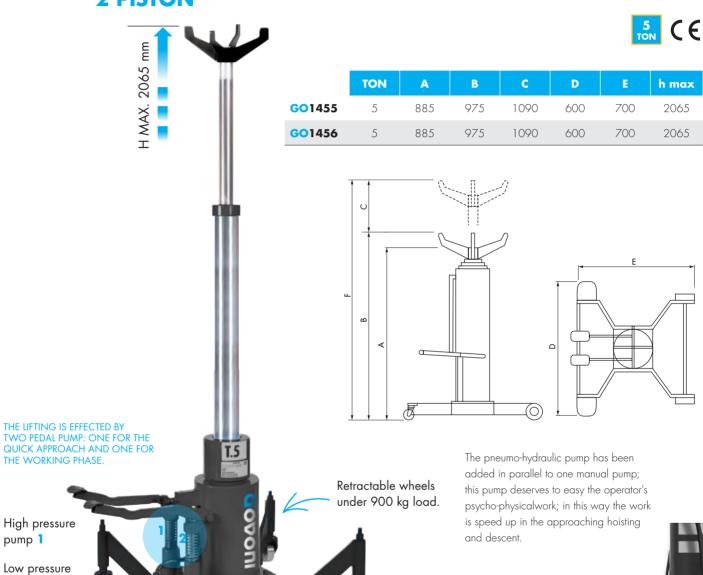






TRANSMISSION JACKS TO REMOVE AND INSTALL ENGINE, GEARBOXES AND HEAVY PARTS OF THE HEAVY TRUCKS -

2 PISTON



 HYDRAULIC
 5 TON

 CODE
 1455

 with 1 pcs.
 kg
 130 kg

Wide support base

pump 2

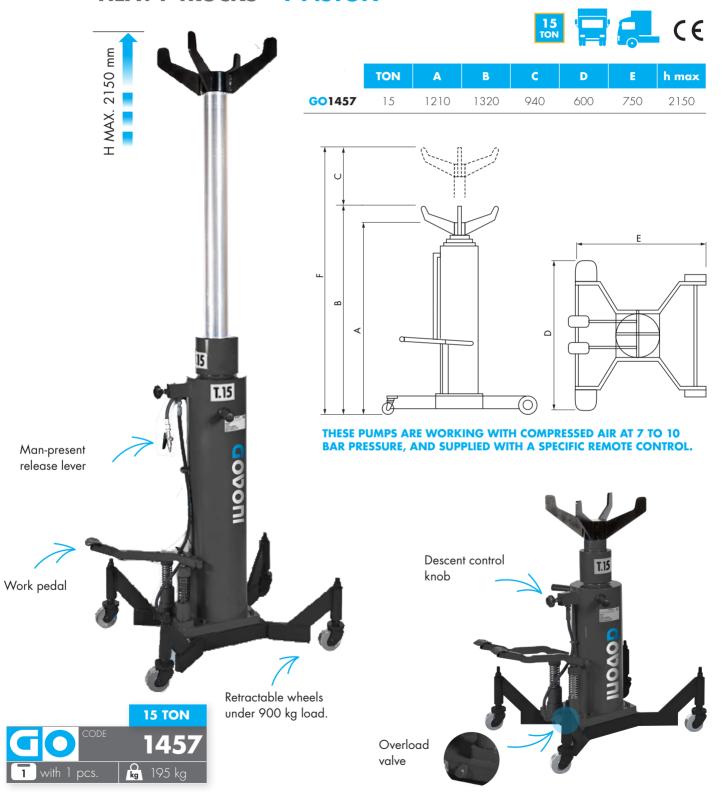








HYDRAULIC TRANSMISSION JACKS TO REMOVE AND INSTALL ENGINE, GEARBOXES AND HEAVY PARTS OF THE HEAVY TRUCKS - 1 PISTON





SET OF ADAPTERS









mod.	Ø ext.	Ø int.	L
1	40 mm	25 mm	50 mm
2	40 mm	30 mm	50 mm
3	40 mm	35 mm	50 mm

the plastic finish of the adapters.

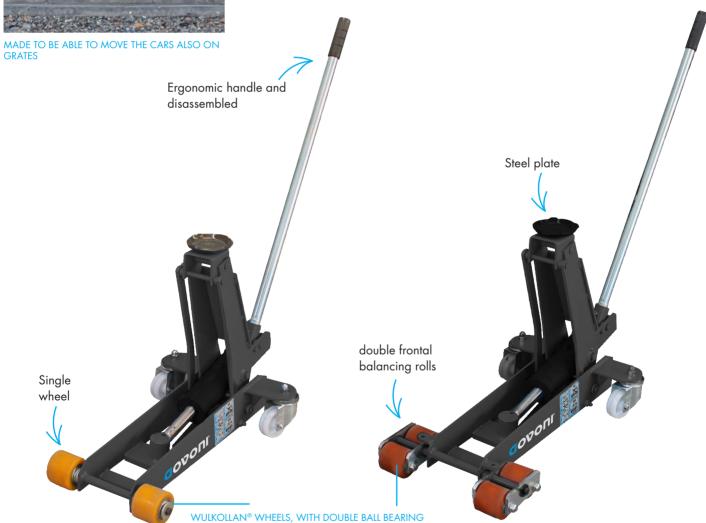




HYDRAULIC TROLLEY JACK FOR LIFTING SMALL AND MEDIUM LOADS















LIFTING EQUIPMENT

TROLLEY JACKS



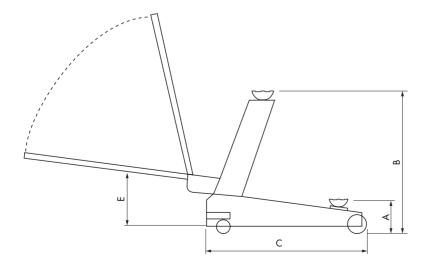
AUTOMATIC END STROKE SAFETY VALVE

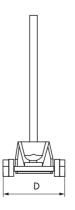


WULKOLLAN® WHEELS COVERED STEEL SUPPORT
Thanks to the double frontal balancing rolls and to the rear turning wheels in polyurethane, these jacks can be moved also on floors with grates and they are suitable during breakdown services.



	CAPACITY ON THE PLATE	CAPACITY ON THE VEHICLES	A	В	c	D	E	WHEEL
GO1460	1.5	2.5	120	540	675	325	160	SINGLE
GO1461	2.5	4	130	550	720	335	170	SINGLE
GO1462	1.5	2.5	120	540	705	370	160	DOUBLE
GO1463	2.5	4	130	550	750	400	170	DOUBLE

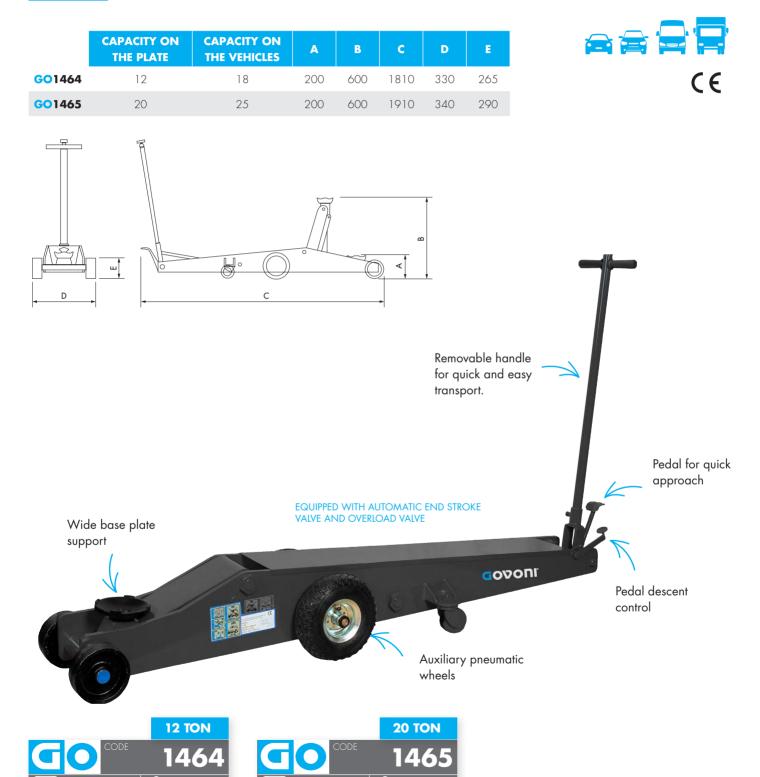








HYDRAULIC TROLLEY JACK WITH PNEUMATIC WHEELS FOR LIFTING GREAT LOADS





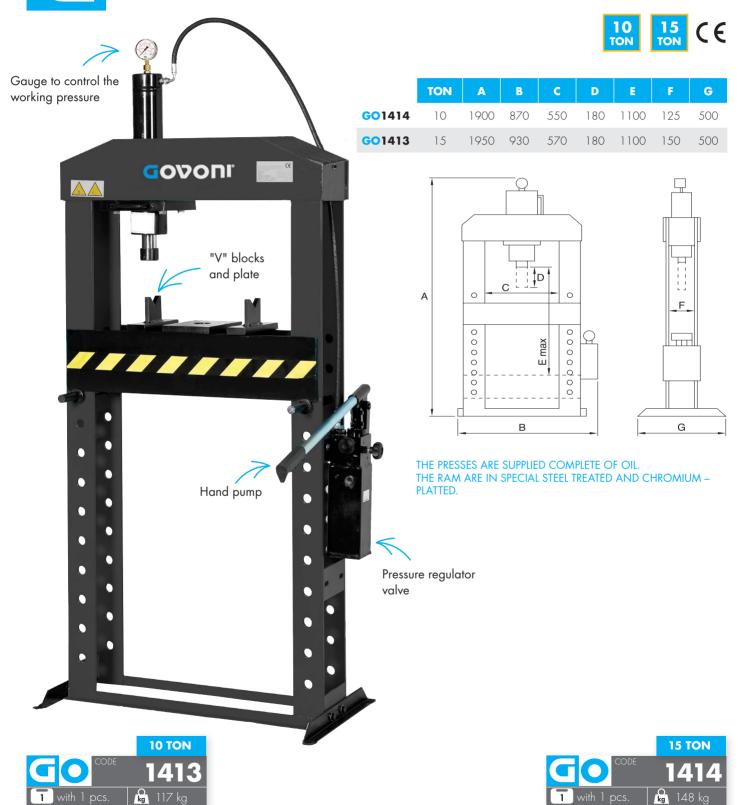
HYDRAULIC PRESSES

HYDRAULIC PRESSES WITH HAND PUMP	45-51
ELECTROHYDRAULIC PRESSES	52-56

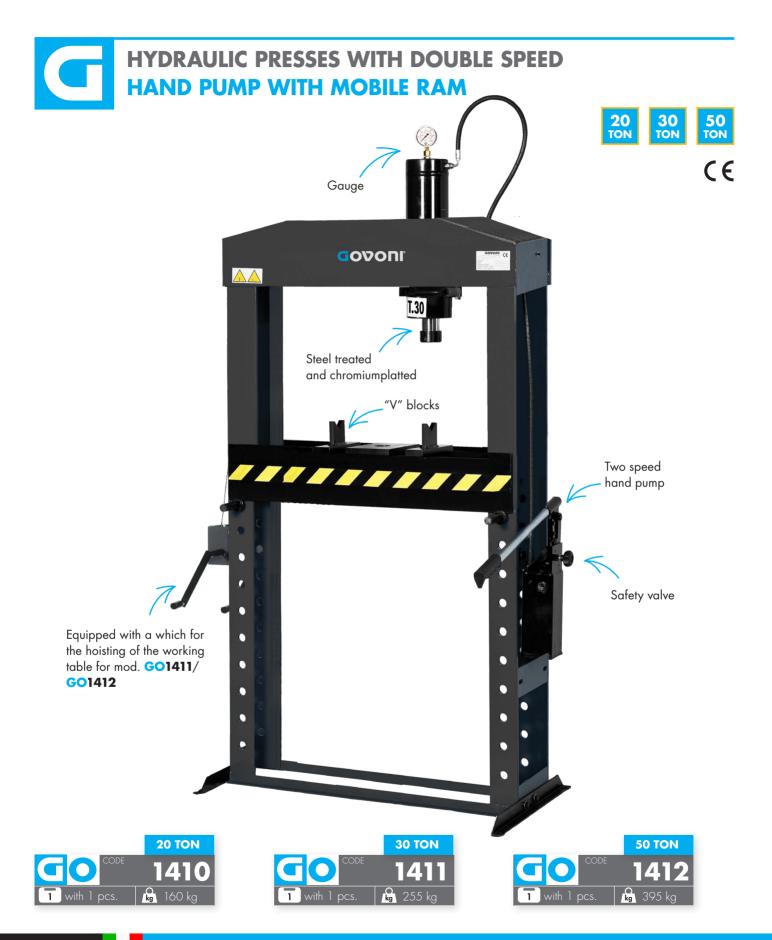
THETOOLMAKER.COM

G

HYDRAULIC PRESSES WITH HAND PUMP

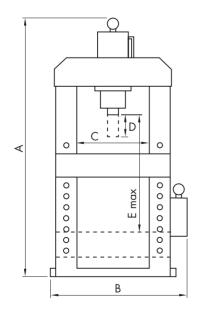


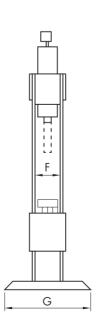






	TON	A	В	С	D	E	F	G
GO1410	20	2000	1000	620	180	1100	150	500
GO1411	30	2130	1200	700	200	1100	180	650
GO1412	50	2300	1300	800	200	1050	180	750











GO1411



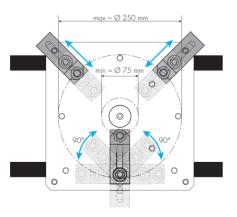


HUBS/BEARINGS AND SILENTBLOCKS ASSEMBLY AND DISASSEMBLY PRESS SUPPORT



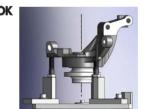
- The tool set is made up of a supporting base and its accessories which allow the user to mount/dismount bearings into/from their housing.
- This tool's universal feature consists in being able to adapt to the irregular geometric shapes of hubs/king pins on which the operator must often intervene.

TECHNICAL DATA	
Dimensions	300x300
Max. load-bearing capacity	20 TON
Working range	min. 130 mm - max. 186 mm



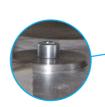








THE CENTERING DISC INCLUDED ALLOWS YOU TO HOUSE THE BUSHINGS REQUIRED TO REMOVE/INSERT THE SILENTBLOCK





SET OF ACCESSORIES FOR HYDRAULIC PRESSES UP TO 25 T



The centering adapters for the press support allow the correct fixing of the supports in one of the holes of the component being worked on. All items can be stored in the piece-holder, to be applied directly on the plate.

N.	Ø	N.	Ø	
1	10 mm	1	11 mm	
2	12 mm	2	15 mm	
3	14 mm	3	19 mm	
4	16 mm	4	25 mm	
		5	29 mm	
		6	60 mm	



PINS SET FOR GO050



They allow the correct and safe positioning of the component on which one operates. Delivery includes magnetic strip for neat storage directly at the workshop press.

N.	Ø	
1	10 mm	
2	12 mm	
3	14 mm	
4	16 mm	





MANDREL PRESS PINS SET



Press pins set for presses.



N.	Ø	
1	11 mm	
2	15 mm	
3	19 mm	
4	25 mm	
5	29 mm	
6	60 mm	





ELECTRO-HYDRAULIC PRESSES WITH RAPID THREE PHASE MOTOR DRIVEN - FIXED RAM











MAXIMUM PRESSURE REGULATOR AND MANUAL HYDRAULIC ASCENT/DESCENT CONTROL

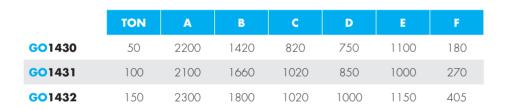
EQUIPPED WITH AUTOMATIC DOUBLE SPEED HYDRAULIC GEARBOX, thanks to his gears pump
for rapid approach and return, and a radial piston pump
for the working phase.

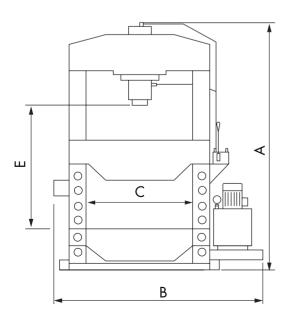
THANKS TO THE SYSTEM "SAFETY OFF" IT IS POSSIBLE TO ADJUST THE MACHINE SAFELY AND EASILY.

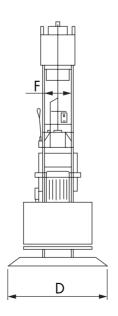
EQUIPPED WITH TWO-HAND "MAN-PRESENT" CONTROL IN ACCORDANCE WITH CURRENT CE REGULATIONS



GO1430









GO1431



GO1432





M. 1 COMPLETE OF GAUGE AND DOUBLE **AUTOMATIC SPEED GEARBOX WITH THREE PHASE MOTOR (230- 400V)**

N. 1 THANKS TO THE ADJUSTABLE RAM DEVICE, **N.** 1 THE PRESSES HAVE A CALIBRATION IT IS POSSIBLE TO MAKE DIFFERENT **OPERATION ON ONE PIECE WHEN THE REMOTION OF THE SAME RESULT TOO DIFFICULT AND EXPENSIVE**

VALVE, AND THREE POSITION DRIVE DISTRIBUTOR(FEED-NEUTRAL-RETURN)

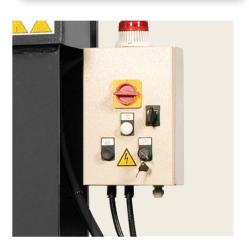
THE MACHINES ARE SUPPLIED WITH A **CHAIN FOR THE HOISTING OF THE WORKING TABLE**

SUPPLIED WITH OIL

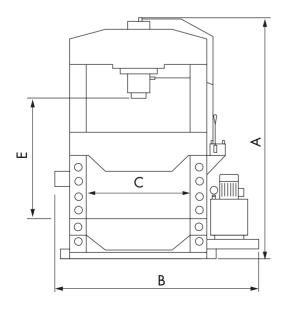
THANKS TO THE SYSTEM "SAFETY OFF" IT IS POSSIBLE TO ADJUST THE MACHINE SAFELY AND EASILY

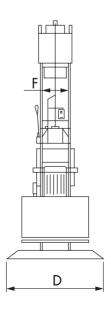






	TON	Α	В	C	D	E	F
GO1440	50	2200	1420	820	750	1100	180
GO1441	100	2200	1600	1020	850	1000	270
GO1442	150	2300	1600	1020	1000	1050	405





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INDUCTION ...just blue, just perfect! HEATER SYSTEM

CAR INDUCTION 57-61

TRUCK INDUCTION 62-70



FOCUS 3.5 "LITE" HEAT INDUCTOR - 3.5 kW













- Unlocking bolts/nuts
- Unlocking and replacing pins or bearings
- Suspension, shock absorbers and mufflers removal
- Bending
- Crankshaft straightening







POWER LEVEL SETTING (kW)







TECHNICAL DATA	
Input power	3,5 kW-16 A
Electrical connection	IEC60309
Voltage	230V/1PH - 50/60
Frequency level	15-30 kHz
Work cycle	5 min*
Electrical cable	2 m
Inductor cable	3 m
Protection rating	IP23
Protection fuses	
Tank capacity	1 l t
Liquid cooling	
Display	LCD
Hydraulic heat exchanger with fan	Ø

^{*(} \pm 5% ambient temperature maximum power)





FOCUS 5 HEAT INDUCTOR SINGLE OR THREE-PHASE - 5 kW

















- Unlocking bolts/nuts
- Unlocking and replacing pins or bearings
- Suspension, shock absorbers and mufflers removal
- Bending
- Crankshaft straightening







REAR CABLE REEL



READY TO USE WITH TIP

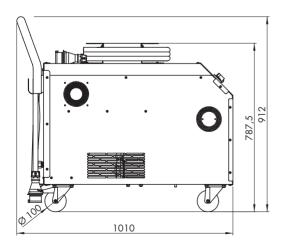


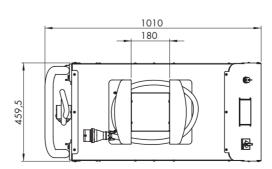
TECHNICAL DATA	GO1473	GO1475
Input power	5 kW-16 A	5 kW-16 A
Electrical connection	IEC60309	IEC60309
Generator	THREE-PHASE	SINGLE-PHASE
Voltage	400V 3PH+T 50	230V 1PH+T 50
Frequency level	15-30 kHz	15-30 kHz
Work cycle	30 min*	30 min*
Electrical cable	8 m	8 m
Inductor cable	3 m	3 m
Protection rating	IP21	IP21
Protection fuses	⊘	⊘
Tank capacity	20 lt	20 lt
Liquid cooling	Ø	⊘
Display	LCD	LCD
Hydraulic heat exchanger with fan	Ø	Ø













FOCUS 8 HEAT INDUCTOR WITH INVERTER - 8kW







- Unlocking bolts/nuts
- Unlocking and replacing pins or bearings
- Heating for straightening
- Preheating before welding
- Bending
- Thermal treatments







READY TO USE WITH TIP



ELECTRICAL CABLE WITH 4-POLE PLUG



TECHNICAL DATA		
Input power	8 kW-16 A	
Electrical connection	IEC60309	
Generator	INVERTER	
Voltage	230V/400V/3PH+T 50	
Frequency level	1 <i>5-</i> 30 kHz	
Electrical cable	8 m	
Inductor cable	3 m	
Protection rating	IP21	
Protection fuses	Ø	
Tank capacity	20 lt	
Liquid cooling	②	
Display	Touch control	
Hydraulic heat exchanger with fan	②	

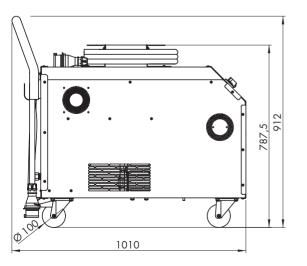


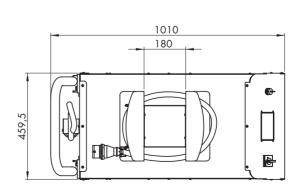














FOCUS 13 HEAT INDUCTOR - 13 kW









- Unlocking bolts/nuts
- Unlocking and replacing pins or bearings
- Heating for straightening
- Preheating before welding
- Bending
- Thermal treatments











INDUCTOR CABLE REEL



REAR CABLE REEL

TEGUNUAL DATA	
TECHNICAL DATA	
Input power	13 kW-32 A
Electrical connection	IEC60309
Generator	INVERTER
Voltage	400V/3PH+T 50
Frequency level	15-30 kHz
Electrical cable	8 m
Inductor cable	4,25 m
Protection rating	IP21
Protection fuses	
Tank capacity	20 lt
Liquid cooling	⊘
Display	Touch control
Hydraulic heat exchanger with fan	⊘



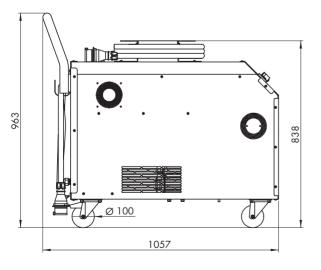


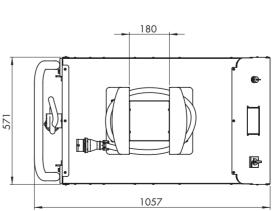
















FOCUS 18 HEAT INDUCTOR - 18 kW









- Unlocking bolts/nuts
- Unlocking and replacing pins or bearings
- Heating for straightening
- Preheating before welding
- Bending
- Thermal treatments













TECHNICAL DATA		
Input power	18 kW-32 A	
Electrical connection	IEC60309	
Generator	INVERTER	
Voltage	400V/3PH+T 50	
Frequency level	15-30 kHz	
Electrical cable	8 m	
Inductor cable	4,5 m	
Protection rating	IP21	
Protection fuses		
Tank capacity	20 lt	
Liquid cooling		
Display	Touch control	
Hydraulic heat exchanger with fan		

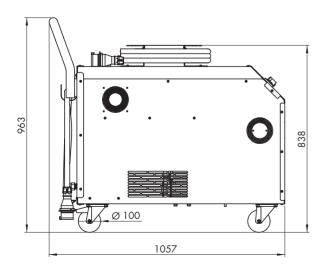


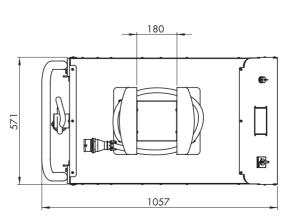












+ HEAT INDUCTOR ACCESSORIES

SUITABLE FOR			GO1470 - 18kW	GO1471 - 13kW	G
	581000025	V		•	
	581000027		•		
	581000029				
	581000017				
	581000019				
STANDARD TIPS	581000021			-	
				•	
	581000023		•		
	581000038				
	581000040				
	581000042				
	581000048		•		
	581000031	7	•		
	581000032				
	581000033				
SPECIAL TIPS	581000034				
	581000035	· C	•		
	581000036	-			
	581000037				
	581000047				
	581000026	Į)		•	
	581000028	•			
FERRITE	581000030	16			
	581000018				
	581000020	W			
	581000022	9	•	•	
	581000024	11	•		
	581000039				
	581000041	100			
	581000043	•			
	581000044	[0]			
	581000045				



INDUCTION HEATER SYSTEM

TRUCK INDUCTION

GO1472 - 8kW	GO1473 - 5kW/3PH	GO1474 - 5kW/1PH	GO1475 - 3.5kW
	-	-	
	•	•	•
•		•	
	•	•	

THETOOLMAKER.COM



DIAGNOSIS

SPECTRUM	71-80
EV	81-82



SPECTRUM MULTIFUNCTIONAL DEVICE FOR TESTING ELECTRONIC COMPONENTS





- Indispensable for checking the analog and PWM signals of the sensors and also for activating various types of electromechanical actuators.
- A single instrument that contains infinite functions: the test and diagnosis capabilities of **SPECTRUM** are so broad and diversified that they have no comparison with any other device on the market.









GO2100PRO2

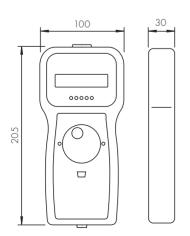
CABLES INCLUDED IN SUPPLY		
GO2101	PWM MULTIMETER wiring	Ø
GO2102	GROUND TEST wiring	
GO2103	PULSE SENSE wiring	Ø
GO2104	DC VOLT GENERATOR wiring	
GO2105	RESISTOR SIMULATOR wiring	Ø
GO2106	PWM POWER wiring	
	PLUG-CROC CLIP wiring	Ø
	JACK wiring	

GO2100PRO2-X

CABLES IN	ICLUDED IN SUPPLY	
GO2101	PWM MULTIMETER wiring	Ø
GO2102	GROUND TEST wiring	
GO2103	PULSE SENSE wiring	Ø
GO2104	DC VOLT GENERATOR wiring	
GO2105	RESISTOR SIMULATOR wiring	Ø
GO2106	PWM POWER wiring	
	PLUG-CROC CLIP wiring	Ø
	JACK wiring	
GO2109	PWM POWER PLUS (5 PIN) wiring	Ø
GO2110	PWM SIGNAL wiring	Ø
GO2111	PIEZO ACTIVATOR wiring	Ø
GO2112	GLOW PLUG TEST wiring	Ø
GO2113	OHM METER wiring	Ø
GO2114	DIAGNOSTIC CAN wiring	Ø



TECHNICAL DATA	
Ambient temperature range	0 - 45 °C
Power supply directly from the battery	9-28Vdc









EXTREMELY SIMPLE TO USE, BECAUSE IT IS ABLE TO CHANGE ITS FUNCTION ACCORDING TO THE CABLE THAT IS CONNECTED TO IT!



CABLES IN	CLUDED	
GO2109	PWM POWER PLUS (5 PIN) wiring	
GO2110	PWM SIGNAL wiring	Ø
GO2111	PIEZO ACTIVATOR wiring	
GO2112	GLOW PLUG TEST wiring	Ø
GO2113	OHM METER wiring	Ø
GO2114	DIAGNOSTIC CAN wiring	Ø









Acquisition cable, with the function of measuring voltages and analyzing ground-referred PWM signals.







Acquisition cable, with the function of verifying the correct state of both mechanical (chassis) and electronic (components) mass, with display of the test result.



PULSE SENSE WIRING

DC VOLT GENERATOR WIRING





Acquisition cable, with the function of detecting the signals of inductive components with only the contact of the detection sensor

and the display of the operating frequency.



Emulation cable, with the function of generating DC voltage from OV to 12V for simulating the output of analog sensors with negative ground.











Emulation wiring, with the digital simulator function of variable resistance from about 100Ω to about 25.000Ω for the simulation

of the sensors (e.g. engine temperature sensor, etc...).

Emulation wiring, with the function of PWM power generator with activation towards ground, for the control of inductive electromechanical loads (solenoids, injectors, etc.).





PWM POWER PLUS (5 PIN) WIRING



Emulation / acquisition wiring, with the function of PWM power generator such as PWM POWER with an integrated 5V voltage generator; mass generator and feedback control.



PWM SIGNAL WIRING



Emulation wiring, with the function of generating PWM waveforms with negative ground, for the emulation of sensors with digital output or the control of electronic low power actuators.







Emulation cable, for glow plug test function with measurement of the current absorption of the same and display of the tests.









PIEZO ACTIVATOR WIRING



Module with the function of activating the piezoelectric injectors, connecting to SPECTRUM, then it is recognized and is ready for activation.

1 Software 2.0 or later update required.







Acquisition, cable with resistance detection function.



Diagnostic cable, with the function of analyzing the vehicle's CAN network through the self-diagnosis connector with display of the values and test result.

I When using the EOBD cable (GO2114) the SPECTRUM must NOT be connected to any power supply: neither to the car battery, nor to an external power supply, such as a bench power supply, etc





G

PETROL INJECTOR TEST BENCH





Combined with **SPECTRUM** and in particular with its dedicated functions and strategies, it makes diagnostics, cleaning and flow control of fuel injectors easy, fast and above all within everyone's reach, often the cause of malfunctions and directly attributable to increased emissions pollutants. Safe both for the environment and for the operator himself, as the use of electricity is not directly required.







SPECTR



100% PERFORMING!

The test bench can in fact be integrated with a docking station and cover for the device, so that the workstation is complete.





Possibility to est injectors simultaneously Compressed air supply with adjustable pressure

from 0 to 5 bar (72,5PSI-500 Kpa)

pressure
Injector holder rail

sliding with quick coupling adjustable in height with taps to be able to open or close the passage of the liquid for each injector

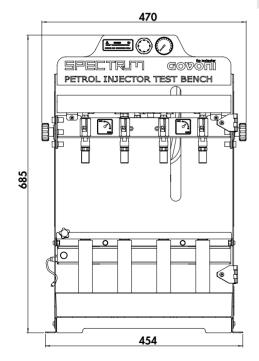
Graduated burettes

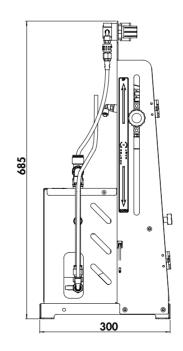
for immediate reading of the injectors flow rate

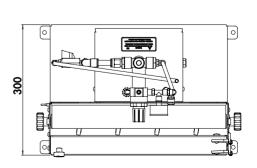
Quick connection burettes

Flushing liquid tank

with filler cap with maximum capacity of 2000 c.c. (2 liters)









DOCKING STATION WITH RETRACTABLE HANGING HOOK

ERGONOMIC COVER, WITH RETRACTABLE HANGING HOOK







Practical and transportable, to be hooked to the hood of the vehicle or other support points







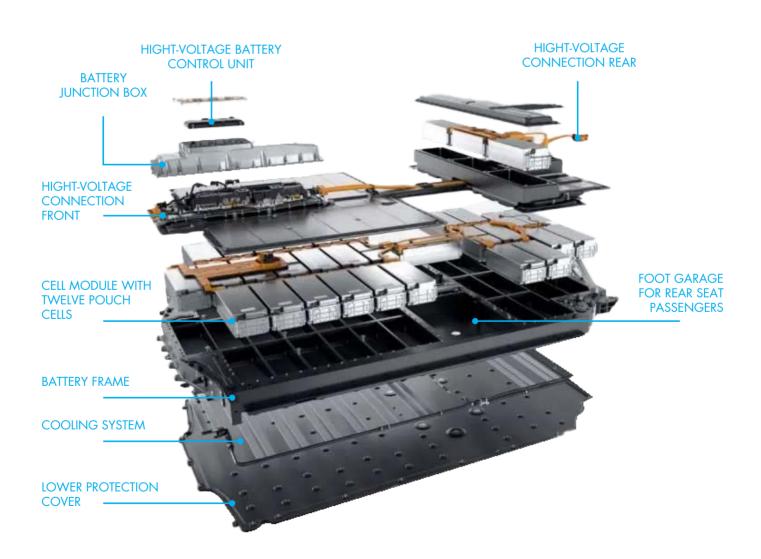
DISASSEMBLY WEDGE FOR HIGH POWER BATTERIES



APPLICATION	
OEM	T90027
Porsche	Taycan (2020–)
Audi	E-tron GT (2021-)



Tool for disconnecting the communication plug from the high voltage battery module.



CHASSIS & ...just blue, SUSPENSIONS

SHOCK ABSORBER

83-104



GOECO1200 PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 1.2 TON





THE MACHINE IS EQUIPPED WITH A PRACTICAL AND STEADY TOOLS RACK





THE TWO AUTO LEVELING UPPER ARMS work easily both on conical and misaligned springs.

THE SUPPLY INCLUDES

Vice clamping jaw for absorber tube

Basic unit



ALUMINIUM TECHNOLOGY, the cylinder is made in light alloy and nylon resin with fiberglass avoiding consequently the corrosion and the oxidation of the parts of the machine.

1.2 TON

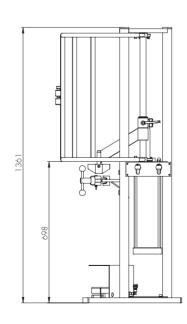
Ø40 - 60 mm

DECO1200

TECHNICAL DATA	
Power	1.2 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 330 mm
Spring exterior	Ø40 - 60 mm
Dry cycle consumption	0.07 m ³ /h - 1.17 Lt/min
Charge cycle consumption	0.03 m³/h - 0.5 Lt/min

559,5
││║┝ ┑ ╢┞┴─┤╠├─┴┤┞ ┢┥ ║║

n as in nin







GO312EASY PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 1.2 TON









A PRACTICAL AND SAFE GLOVE COMPARTMENT



THE MACHINE IS SUPPLIED WITH MEDIUM BRACKET Ø105 - 185 MM

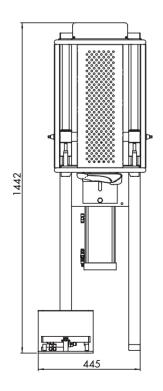


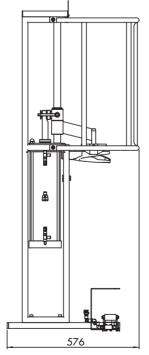
THE CYLINDER IN LIGHT ALUMINUM ALLOY, NYLON RESIN AND FIBERGLASS prevents corrosion and oxidation of the internal parts of the machine

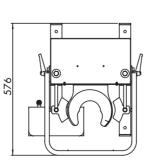


TECHNICAL DATA	
Power	1.2 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 330 mm
Spring exterior	Ø105 - 185 mm
Dry cycle consumption	0.07 m³/h - 1.17 Lt/min
Charge cycle consumption	$0.03 \text{ m}^3/\text{h} - 0.5 \text{ Lt/min}$
Engine	MHEV

THE SUPPLY INCLUDES	
Basic unit	1.2 TON
Medium bracket	Ø105 - 185 mm







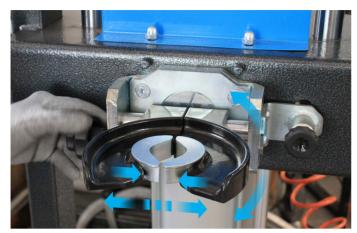


THE FOOT-PEDAL WORKS ONLY WHEN THE SAFETY VALVE IS CLOSED; IF IT IS OPEN THE FOOT-PEDAL IS BLOCKED



GO320PRO PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 2 TON









THESE FLOATING CLAMPS allow a better grip on the spring, dynamically adapting during the different compression.

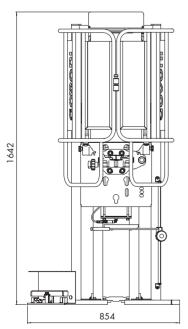


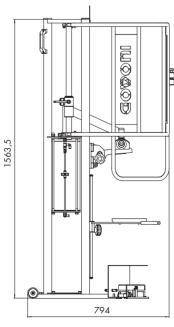
THE PRACTICAL ABSORBER DROP GUARD keeps the absorber in position during installation.

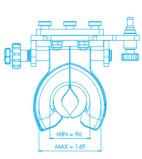


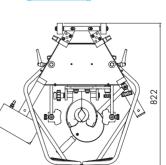
TECHNICAL DATA	
Power	2 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 350 mm
Spring exterior	Ø40 - 210 mm
Dry cycle consumption	$0.08 \text{ m}^3/\text{h} - 1.33 \text{ Lt/min}$
Charge cycle consumption	$0.03 \text{ m}^3/\text{h} - 0.5 \text{ Lt/min}$
Engine	HEV / MHEV / PHEV

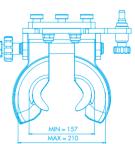
THE SUPPLY INCLUDES	
Basic unit	2 Ton
Adjustable universal bracket	Ø96 - 210 mm
Schock absorber support	load capacity up to 30 kg
Wheels	2















GOECO2500 PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 2.5 TON



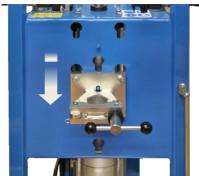




CHASSIS & SUSPENSIONS

SHOCK ABSORBER





POSSIBILITY OF DOUBLE POSITIONING of the bracket to have more space and stroke for spring compression.

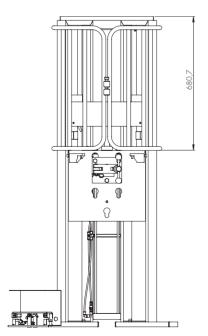


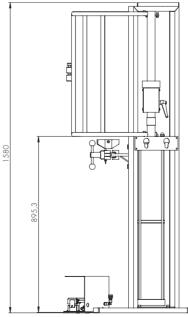
IF THE SAFETY GUARD REMAINS OPEN, THE MACHINE IS EQUIPPED WITH A SAFETY VALVE THAT DOES NOT ALLOW WORKING OPERATIONS

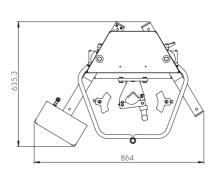
DECO2500

TECHNICAL DATA	
Power	2.5 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 330 mm
Spring exterior	Ø40 - 60 mm
Dry cycle consumption	0.11 m³/h - 1.83 Lt/min
Charge cycle consumption	0.04 m³/h - 0.67 Lt/min

THE SUPPLY INCLUDES		
Basic unit	2.5 TON	
Vice clamping jaw for absorber tube	Ø40 - 60 mm	











GO325EASY PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 2.5 TON













 ϵ

The two auto leveling upper arms simplify working on conical and misaligned springs

Medium bracket Ø105 - 185 mm

The frontal and lateral clamps' holders grant quick - mounting and dismounting replacement both of the clamps and of the vice

Cylinder with 2 safety control/stop valves

Foot-pedal equipped with safety valve; the machine taller for a better functionality









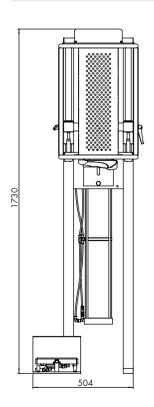


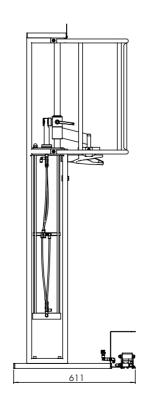
METAL SAFETY HANDLES TO FIX SIDE ARMS

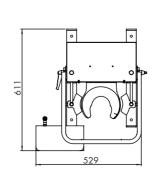


TECHNICAL DATA	
Power	2.5 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 330 mm
Spring exterior	Ø105 - 185 mm
Dry cycle consumption	0.11 m³/h - 1.83 Lt/min
Charge cycle consumption	$0.04 \text{ m}^3/\text{h} - 0.67 \text{ Lt/min}$
Engine	HEV / MHEV / PHEV

THE SUPPLY INCLUDES	
Basic unit	2.5 TON
Medium bracket	Ø105 - 185 mm













GO330PRO PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION - 3 TON





during installation.

panels











Enlarged protection cage for ample manoeuvring space

Possibility of double positioning of the bracket

Transport module with 2 steel wheels

WHEEL HOUSING (STANDARD)



kg 118 kg







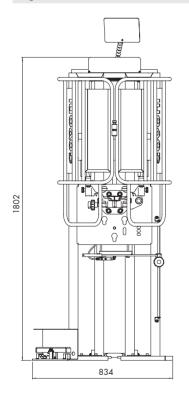


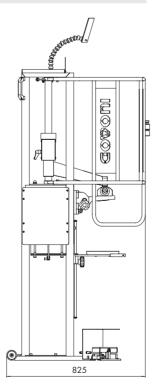
POSSIBILITY OF DOUBLE POSITIONING OF THE BRACKET to have more space and stroke for spring compression.

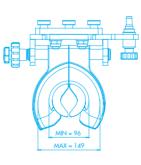


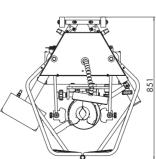
TECHNICAL DATA	
Power	3 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 350 mm
Spring exterior	Ø40 - 210 mm
Dry cycle consumption	0.16 m³/h - 2.67 Lt/min
Charge cycle consumption	0.1 m ³ /h - 1.67 Lt/min
Engine	BEV / HEV / MHEV/ PHEV

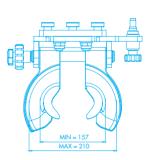
THE SUPPLY INCLUDES	
Basic unit	3 TON
Adjustable universal bracket	Ø96 - 210 mm
Schock absorber support	load capacity up to 30 kg
Transport module	with 2 steel wheels
Mirror with swan neck	magnetic













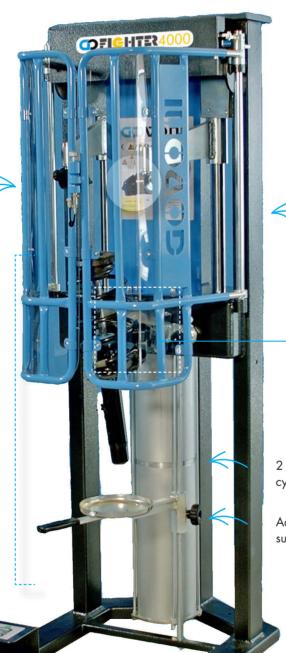
Total protection with high resistance polycarbonate

THE MACHINE IS EQUIPPED WITH ACTIVE AND PASSIVE SECURITY SYSTEM: pneumatic cylinder, foot pedal, safety cage, shock absorber drops guard and pedestal to ensure maximum safety for the user

locking system



GOFIGHTER4000 PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION- 4 TON







 ϵ

Upper floating clamps, regulation angle: 0°, (+/-)15

EXAMPLE OF APPLICATION WITH INSTALLED SHOCK ABSORBER

2 security locking valves on the cylinder

Adjustable stem support

Control pedal



- 2 SECURITY LOCKING VALVES ON THE CYLINDER

SECURITY VALVE CONTROL PROTECTION

SECURITY VALVE PNEUMATIC SYSTEM



STEM SUPPORT ADJUSTABLE IN HEIGHT AND 180° ADJUSTABLE



UPPER FLOATING CLAMPS, these floating clamps allow a better grip on the spring, dynamically adapting during the different compression phases.

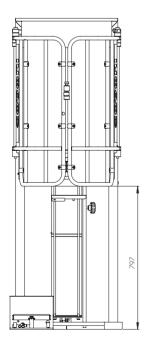


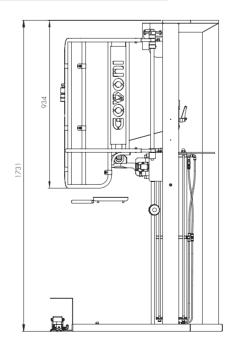
I HALF-RINGS TO BE USED ONLY IN CASE OF SHOCK ABSORBERS WITH BIG STRUT

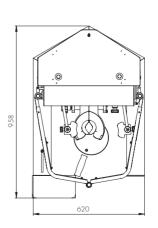


TECHNICAL DATA	
Power	4 Ton
Cylinder stroke	330 mm
Working pressure	8 bar
Spring compression capacity	30 - 350 mm
Stem support load capacity	up to 30 kg
Spring exterior	Ø40 - 210 mm
Dry cycle consumption	$0.13 \text{ m}^3/\text{h} - 2.17 \text{ Lt/min}$
Charge cycle consumption	0.07 m³/h - 1.17 Lt/min

THE SUPPLY INCLUDES	
Basic unit	4 TON
Adjustable universal bracket	Ø96 - 210 mm
Schock absorber support	load capacity up to 30 kg









FROM Ø40 TO Ø60 mm



FROM Ø40 TO Ø60 mm



Compatible with:

GO312, GO320PRO, GO325, GO330PRO





FROM Ø78 TO Ø130 mm



Compatible with: GO312, GO320PRO, GO325, GO330PRO





FROM Ø78 TO Ø130 mm



Compatible with:

GO312, GO320PRO, GO325





FROM Ø105 TO Ø182 mm



Compatible with:

GO312, GO320PRO, GO325, GO330PRO





FROM Ø105 TO Ø182 mm



Compatible with:

GO312, GO320PRO, GO325





Compatible with:

GO312, GO320PRO, GO325, GO330PRO





FROM Ø125 TO Ø205 mm



FROM Ø125 TO Ø205 mm



Compatible with:

GO312, GO320PRO, GO325



Compatible with:

GO312, GO320PRO, GO325, GO330PRO









FROM Ø105 TO Ø187 mm



Compatible with:

GO312, GO320PRO, GO325





Compatible with:

GO312, GO320PRO, GO325





MERCEDES A/C/E



MERCEDES C (2010-)



Compatible with:

GO312, GO320PRO, GO325







Compatible with:

GO312, GO320PRO, GO325, GO330PRO





MERCEDES A/B/E



NEW



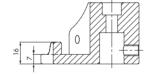
Compatible with:

GO312, GO320PRO, GO325, GO330PRO











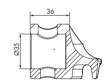
to be used with:

GO338









Compatible with:

GO312, GO320PRO, GO325, GO330PRO



PINS FOR QUICK FIXING OF THE UPPER CLAMPS





The pins avoid the use of the M8 screw supplied with the spring coil compressor, and its hexagonal wrench to remove them.



Compatible with:

GO312, GO320PRO, GO325, GO330PRO



TOOL TO SECURE COIL SPRING INTO LOWER BRACKET













UPPER BRACKET FOR SPRING COMPRESSOR MACHINE



The bracket allows you to compress the springs of the car shock absorbers by operating directly from the upper shock absorber support



- The bracket is able to adapt to a vast number of applications since it is equipped with a rotating and universal plate with fixing holes and slots.
- The advantages come into play particularly:
 With springs with a small number of coils, meaning that one more coil can always be tensioned automatically.

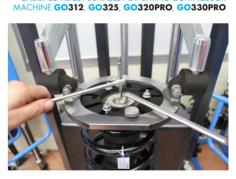
Dismantling and assembly operations are considerably simplified.

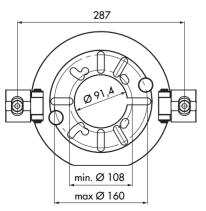


THE ROTATABLE AND FIXABLE MOUNTING PLATE IS
PROVIDED WITH A UNIVERSAL HOLE DIVISION.
IN ADDITION, THE HOLDER BETWEEN THE ARMS CAN
EASILY BE TILTED. SUITABLE FOR SPRING COMPRESSOR









THE SPRING MUST NOT BE OVERCOMPRESSED (NOT ALLOWED BY THE MANUFACTURER)







PNEUMATIC COIL SPRING COMPRESSOR WORKSTATION ACCESSORIES

SUITABLE	FOR	GO312	GO312EASY	GO320PRO
GO313	**	•	•	STANDARD
GO321		•	•	•
GO323	20	•	•	
GO324		•	•	
GO326	7	•	•	
GO327	7	•	STANDARD	
GO328	7	•	•	
GO329	***	•	•	
GO331	◇	•		
GO332		STANDARD	•	
GO333	Q.	•	•	
GO335	•••	•	•	
GO337			•	
GO338				•
GO339	⋄			
GO341		•	•	
GO342	7	•	•	
GO343			•	
GO367	•	•	•	

CHASSIS & SUSPENSIONS

SHOCK ABSORBER

GO325	GO325EASY	GO330PRO	GO344
•	•	STANDARD	STANDARD
•	•	•	
•	•		
•	•		
•	•		
•	STANDARD		
•	•		
•	•		
•	•		
STANDARD	•		
•	•		
•	•		
•	•	•	•
•		•	
•	•		
•	•		
•	•		
•	•		



ENGINE

COOLANT SYSTEM

105-111



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VORTEX 4 PNEUMATIC MACHINE WITH 4 TANKSFOR REPLACEMENT RADIATOR AND BATTERY

NEW







Liquid filling sleeve



121

GRAVITY ASSISTED LIQUID RECOVERY METHOD

RADIATOR WASHING CYCLES UP TO 1 BAR PRESSURE

COOLING CIRCUIT LEAK DETECTION

THE LIQUIDS HAVE NO POSSIBILITY OF MIXING AND CONTAMINATING EACH OTHER



FILLING OF VEHICLE'S COOLING SYSTEM BY PRESSURE AND VACUUM

INTAKE FLUID FILLING

Swivelling wheels



20 lt. each



TANK FOR EXHAUSTED FLUID



COOLANT TANK FOR EV CARS





N. 2 TANKS FOR ENDOTHERMIC COOLANT







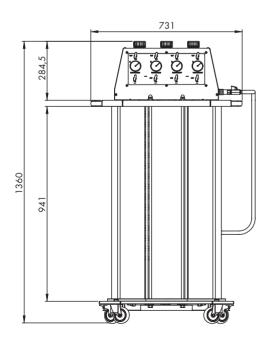


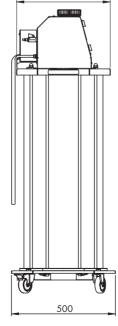
TECHNICAL DATA

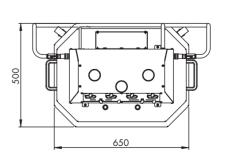
Supply pressure	Max 8 MPa (bar)
Working pressure	0.8 - 1 max MPa (bar)
Number of tanks	4
Tank capacity	20 lt. each (tot. 80 lt.)













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VORTEX 2 PNEUMATIC MACHINE WITH 2 TANKSFOR REPLACEMENT RADIATOR AND BATTERY







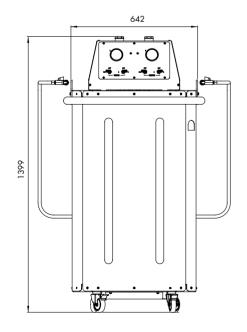


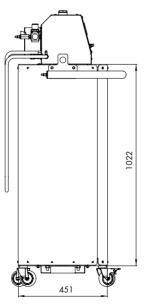


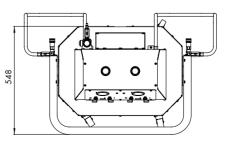


TECHNICAL DATA	
Supply pressure	Max 8 MPa (bar)
Working pressure	0.8 - 1 max MPa (bar)
Number of tanks	2
Tank capacity	20 lt each (tot 40 lt)











+ FUNNEL FOR LIQUID RECOVERY







GO05050		GO145236		GO290116	NEW
GO05151		GO145336		GO290216	NEW
GO05251		GO145438		GO290316	NEW
GO05351		GO145539		GO290416	NEW
GO10141		GO145639		GO290516	NEW
GO10241		GO145740		GO290616	NEW
GO31284		GO146042		GO290716	NEW
GO312EASY86	NEW	GO146142		GO29608	NEW
GO313100		GO146242		GO29618	NEW
GO320PRO88		GO146342		GO29628	NEW
GO321100		GO146444		GO300114	NEW
GO32399		GO146544		GO302010	NEW
GO32499		GO147066	NEW	GO302112	NEW
GO32590		GO147164	NEW	GO30406	NEW
GO325EASY92	NEW	GO147262	NEW	GO30414	NEW
GO32698		GO147360	NEW	58100001768	NEW
GO32798		GO147458	NEW	58100001868	NEW
GO32899		GO147560	NEW	58100001968	NEW
GO329100		GO1500T20		58100002068	NEW
GO330PRO94		GO1500TR20		58100002168	NEW
GO33199		GO150124		58100002268	NEW
GO33298		GO150224		58100002368	NEW
GO33398		GO150324		58100002468	NEW
GO335100		GO150424		58100002568	NEW
GO337100		GO150526		58100002668	NEW
GO338101		GO1505C26		58100002768	NEW
GO33999		GO150681		58100002868	NEW
GO34198		GO161028	NEW	58100002968	NEW
GO34298		GO1610PRO30	NEW	58100003068	NEW
GO34399		GO162032	NEW	58100003168	NEW
GO34496		GO1620PRO34	NEW	58100003268	NEW
GO367100	NEW	GO2000TR-E22	NEW	58100003368	NEW
GO980PRO106	NEW	GO2100PRO272	NEW	58100003468	NEW
GO981PRO108	NEW	GO2100PRO2-X72	NEW	58100003568	NEW
GO982110	NEW	GO210174		58100003668	NEW
GO1000B18		GO210274		58100003768	NEW
GO1000BR18		GO210375		58100003868	NEW
GO141048		GO210475		58100003968	NEW
GO141148		GO210575		58100004068	NEW
GO141248		GO210675		58100004168	NEW
GO141347		GO210975		58100004268	NEW
GO141447		GO211076		58100004368	NEW
GO143052		GO211176		58100004468	NEW
GO143152		GO211276		58100004568	NEW
GO143252		GO211376		58100004768	NEW
GO144054		GO211476		58100004868	NEW
GO144154		GO211580			
GO144254		GO211680			
GO145036		GO2118PRO78			
GO145136		GO212074			



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