

RIKEN

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VOLTORK™



HYDRAFLARE

cbc
ALTA TECNOLOGIA ITALIANA

MASADA

TANGYE

Tools & Equipment for Agricultural Applications



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DESCRIPTION	Page No.
Battery Torque Wrenches – Introduction – VOLTORK	3
Battery Torque Wrenches – Modular Torque System – VOLTORK	4
Battery Torque Wrenches – Individual Components and Packages – VOLTORK	5
Battery Torque Wrenches – Standard and Custom Reaction Arms – VOLTORK	6
Battery Torque Wrenches – Accessories & Possibilities – VOLTORK	7
Battery Torque Wrenches – Dimensional Drawings – VOLTORK	8-9
TIRFOR Hoists – T & TU Series – Tractel	10
Steel Crib Kit and Super Stacker Cribbing Block Kit	11
Bottle Jacks – Standard – Masada	12
Bottle Jacks – Short Type and Low Height – Masada	13
Bottle Jacks – With Pressure Gauge and Inverted – Masada	14
Bottle Jacks – Two-Stage Telescopic – Masada	15
Long Ram Jacks – LT Series – Liftech	15
Hydraulic Jack – HYDRACLAW – Tangye	16
Hydraulic Jack – HYDRAMITE – Tangye	17
Hydraulic Jacks – HYDRALITE PS Series – Tangye	18-22
Garage Jacks – T Series – Compac	23-28
Garage Jacks – LT & YM Series – Liftech	29
Garage Jacks – SJ Series – Masada	30
Vehicle Ratchet Support Stands – LV Series – Liftech	30
Wheel Dolly – Truck and Bus – WD Series – Compac	31-33
Rivet Tool with Pump – BS Series – Royal Master	34
Bending Machine – UNI 42 – Ratchet Operated – CBC	35
Bending Machine – UNI 42 – Electric – CBC	36
Bending Machine – UNI 42 – Digital Electric – CBC	37
Bending Machine – UNI 60 A – Electric – CBC	38
Bending Machine – UNI 60 A – Digital Electric – CBC	39
Tube Flaring Machine – Hydraflare	40
HYDRAPAK Pump – Tangye	41
Battery Hydraulic Pump – BTP Series – Riken	42
Specialised Force – Popular Catalogues	43

INTRODUCING THE NEW VOLTORK

The NT Series of battery-operated torque wrenches was designed to address several critical needs of the heavy bolting industry. Everyone enjoys the freedom of a powerful cordless torque wrench, but this often comes with compromises, such as handling a heavier tool, a low number of cycles per battery charge, reduced accuracy, unclear torque output, limited torque settings, and fragile components that break easily—the list goes on. When the VoltORK team was developing the product line, they worked to eliminate these inconveniences. VoltORK tools, as shown in the table on page 5, are among the lightest on the market relative to their maximum torque output. VoltORK also takes pride in leading the industry in battery efficiency, delivering the highest number of cycles per charge.

We challenge you to compare VoltORK tools side by side with any competitor's to see the difference for yourself. VoltORK wrenches offer a $\pm 3\%$ torque accuracy, and it's easy to verify—thanks to the large display screen on the back, which leaves no doubt about the set torque. The moment you hold one of VoltORK's tools, you'll feel the quality, from the robust anodized aluminum motor housing to the ergonomic aluminum grip. Just like our other product lines, the NT Series features a modular design, allowing users to quickly switch between available output drives, reaction arms, extensions, and custom accessories as needed—making it the most versatile torque delivery system on the market.

FEATURES

- Operates in torque control or turn-of-nut modes
- 100% remotely operated using optional equipment
- Cycle completion is indicated by 5 flashing LEDs and automatic reverse move to aid in reaction arm removal
- Turn-of-nut cycle completion also includes display of total achieved torque as an extra check
- Square drives can be easily replaced if damaged or a different size is needed
- Advanced thermal management for motor and circuits
- Motor temperature and tool voltage displayed with a single push of a button
- Gearbox rotates independently of tool housing for operator safety

ADVANTAGES

- Modular design allows sharing of accessories
- Customer-replaceable square drives
- Supports Torque and Turn-of-the-Nut modes
- Optional 100% remote operation – contact your SF representative for details.
- Compatible with Makita 18V Lithium-Ion batteries
- Advanced heat management

VOLTORK™



Makita®
Battery Compatible



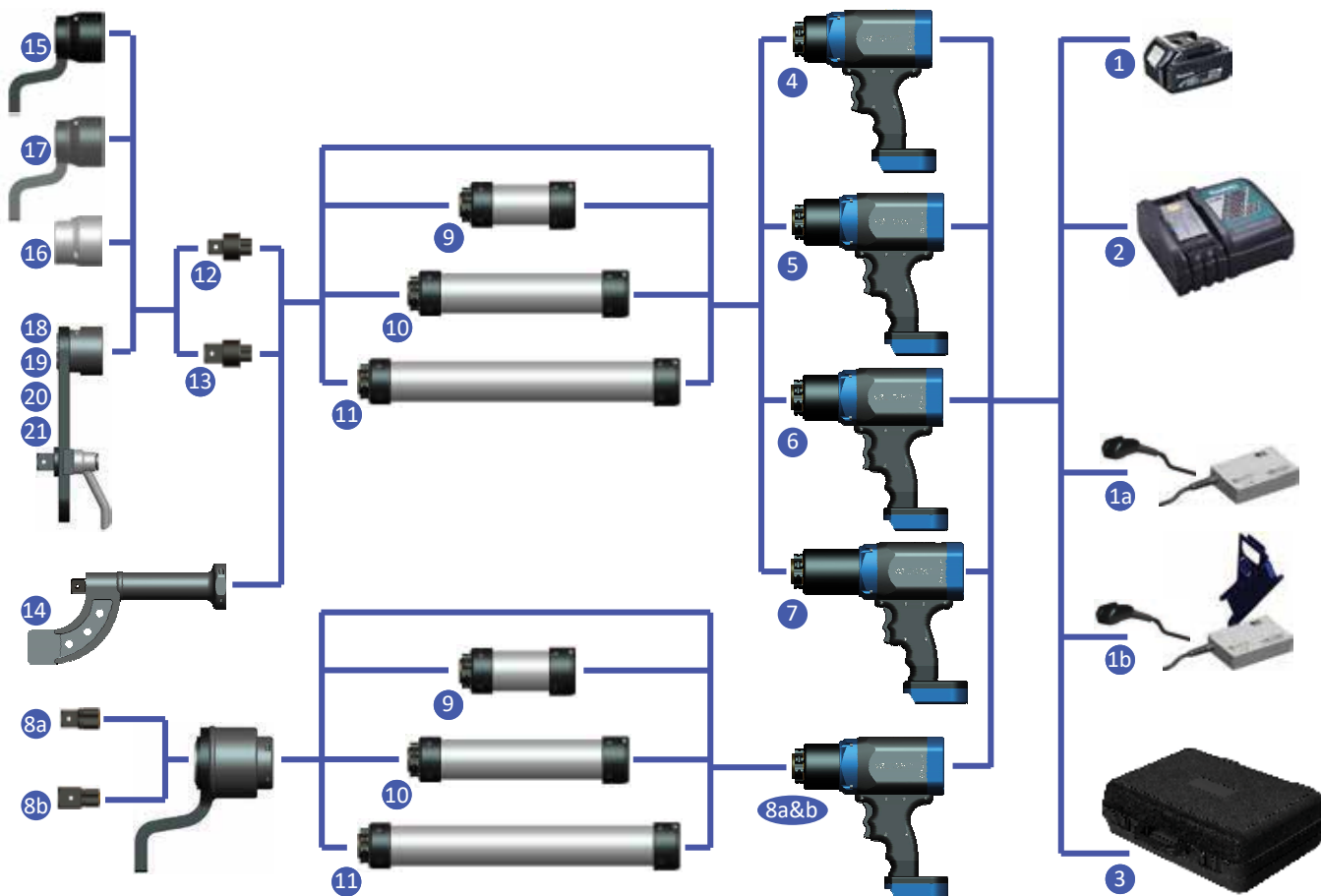
EQUIPMENT FOR AGRICULTURAL APPLICATIONS

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BATTERY POWERED MODULAR TORQUE SYSTEM

VOLTORK™

EQUIPMENT FOR AGRICULTURAL APPLICATIONS



SPECIFICATIONS

Model No.	NT200B		NT500B		NT800B		NT1300B		NT2600B	
Parameter	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Output Drive	3/4" SQ	n/a	3/4" or 1" SQ	n/a	3/4" or 1" SQ	n/a	1" SQ	n/a	1" or 1-1/2" SQ	n/a
Max Torque	200 ft-lbs	271 N-m	500 ft-lbs	678 N-m	800 ft-lbs	1085 N-m	1300 ft-lbs	1763 N-m	2600 ft-lbs	3525 N-m
Min Torque	20 ft-lbs	27 N-m	50 ft-lbs	68 N-m	80 ft-lbs	108 N-m	130 ft-lbs	176 N-m	260 ft-lbs	353 N-m
Max Speed	60.1		17.4		12.2		6.6		3	
System Accuracy	<3%									
Tool Weight	9.4 lbs	4.3 Kg	10.4 lbs	4.7 Kg	10.4 lbs	4.7 Kg	12.6 lbs	5.7 Kg	20.7 lbs	9.4 Kg
Total Weight	12.7 lbs	5.8 Kg	13.7 lbs	6.2 Kg	13.7 lbs	6.2 Kg	15.9 lbs	7.2 Kg	20.7 lbs	9.4 Kg
Battery	Makita® compatible 18V Li-Ion 5.0 Ah standard									
Warranty	1 year limited									

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BATTERY TOOL - INDIVIDUAL COMPONENTS


Item	Part Number	Description	Weight (kg)
1	BL1850B	18V Li-Ion BATTERY, 5.0 Ah	0.64
1a	NTA-000077	AC POWER SUPPLY - LOW PROFILE	TBA
1b	NTA-000078	AC POWER SUPPLY - CARRY HANDLE & CABLE STORAGE	TBA
2	DC18RC	18V BATTERY CHARGER	0.73
3	NTC-000003	CASE, BATTERY TOOL	0.95
4	NT200B *	NT200B BATTERY TORQUE WRENCH, BARE TOOL	3.63
5	NT500B *	NT500B BATTERY TORQUE WRENCH, BARE TOOL	4.08
6	NT800B *	NT800B BATTERY TORQUE WRENCH, BARE TOOL	4.08
7	NT1300B *	NT1300B BATTERY TORQUE WRENCH, BARE TOOL	5.08
8a	NT2600B1" **	NT2600B BATTERY TORQUE WRENCH, BARE TOOL, 1" SQ	8.76
8b	NT2600B1-1/2" **	NT2600B BATTERY TORQUE WRENCH, BARE TOOL, 1-1/2" SQ	8.76
9	NTA-000041	6" TOOL EXTENSION	2.09
10	NTA-000042	12" TOOL EXTENSION	3.13
11	NTA-000043	18" TOOL EXTENSION	4.13
12	NTA-000044	3/4" STANDARD SQUARE DRIVE	0.18
13	NTA-000045	1" STANDARD SQUARE DRIVE	0.18
14	NTA-000046	WHEEL BOLTING ATTACHMENT	2.31
15	NTA-000031	STANDARD STEEL REACTION ARM, 1300 FT-LB MAX	1.32
16	NTF-000039	REACTION ARM WELD BLANK FOR CUSTOM APPLICATIONS	0.82
17	NTA-000028	STANDARD ALUMINUM REACTION ARM, 500 FT-LB MAX	TBA
18	NTA-000084	SLIDING REACTION ARM 3/4" SQUARE DRIVE 3" to 8.5" RANGE	TBA
19	NTA-000083	SLIDING REACTION ARM 1" SQUARE DRIVE 3" to 8.5" RANGE	TBA
20	NTA-000082	SLIDING REACTION ARM 3/4" SQUARE DRIVE 4" to 12" RANGE	TBA
21	NTA-000081	SLIDING REACTION ARM 1" SQUARE DRIVE 4" to 12" RANGE	TBA

* This is a bare tool; it does not include the battery, charger, case, square drive, or reaction arm.

** This is a bare tool; it does not include the battery, charger, or case; it includes square drive and reaction arm for 2600 ft-lb mode but not for 800 ft-lb mode.

BATTERY TOOL - PACKAGES

Includes Items	Kit Model No	Battery	Charger	Case	Extension	Square Drive	Reaction Arm	Notes
1, 1, 2, 3, 4, 12, 15	NT200BPKG(BB)	2X	YES	YES	NO	3/4"	STANDARD	-
3, 4, 12, 15	NT200BPKG	NO	NO	YES	NO	3/4"	STANDARD	-
1, 1, 2, 3, 5, 12, 15	NT500BPKG(BB)	2X	YES	YES	NO	3/4"	STANDARD	-
3, 5, 12, 15	NT500BPKG	NO	NO	YES	NO	3/4"	STANDARD	-
1, 1, 2, 3, 6, 12, 15	NT800BPKG(BB)	2X	YES	YES	NO	3/4"	STANDARD	-
3, 6, 12, 15	NT800BPKG	NO	NO	YES	NO	3/4"	STANDARD	-
1, 1, 2, 3, 7, 13, 15	NT1300BPKG(BB)	2X	YES	YES	NO	1"	STANDARD	-
3, 7, 13, 15	NT1300BPKG	NO	NO	YES	NO	1"	STANDARD	-
1, 1, 2, 3, 8a, 12, 15	NT2600B1"PKG(BB)	2X	YES	YES	NO	3/4"	STANDARD	1" SQ DR
3, 8a, 12, 15	NT2600B1"PKG	NO	NO	YES	NO	3/4"	STANDARD	1" SQ DR
1, 1, 2, 3, 8b, 12, 15	NT2600B1-1/2"PKG(BB)	2X	YES	YES	NO	3/4"	STANDARD	1-1/2" SQ DR
3, 8b, 12, 15	NT2600B1-1/2"PKG	NO	NO	YES	NO	3/4"	STANDARD	1-1/2" SQ DR

STANDARD REACTION ARMS

VOLTORK™



Standard Steel Reaction Arm



Standard Aluminum Reaction Arm



Wheel Bolting Attachment



Blank Reaction Arm

STANDARD SLIDING REACTION ARMS



P/N NTA-000084



P/N NTA-000083



P/N NTA-000082



P/N NTA-000081

CUSTOM DESIGNED REACTION ARMS



SPECIFICATIONS

Model No.	type	material	Center to Center	Sq. Drive	For use up to (Nm)	weight (kg)
P/N NTA-000031	Standard	Steel	N/A	N/A	1761	1.27
P/N NTA-000028	Standard	Aluminium	N/A	N/A	678	0.45
P/N NTA-000046	Wheel Bolting	steel	N/A	N/A	1761	2.54
P/N NTF-000039	Blank	steel	N/A	N/A	N/A	0.77
P/N NTA-000084	Sliding	steel	3" to 8.5"	3/4"	N/A	3.04
P/N NTA-000083	Sliding	steel	3" to 8.5"	1"	N/A	3.13
P/N NTA-000082	Sliding	steel	4" to 12"	3/4"	N/A	3.63
P/N NTA-000081	Sliding	steel	4" to 12"	1"	N/A	3.77
Custom	Please contact your nearest Specialised Force branch for more information.					

ACCESSORIES & POSSIBILITIES

VOLTORK™



NT800B with 12" extension,
3/4" square drive and standard
reaction arm



NT2600B with 18" extension



NT500B with
wheel attachment



NT1300B with 6" extension
and wheel attachment



NT1300B with 1"
square drive and
custom reaction arm

FLEXIBLE POWER SOURCE – BATTERY OR AC POWER

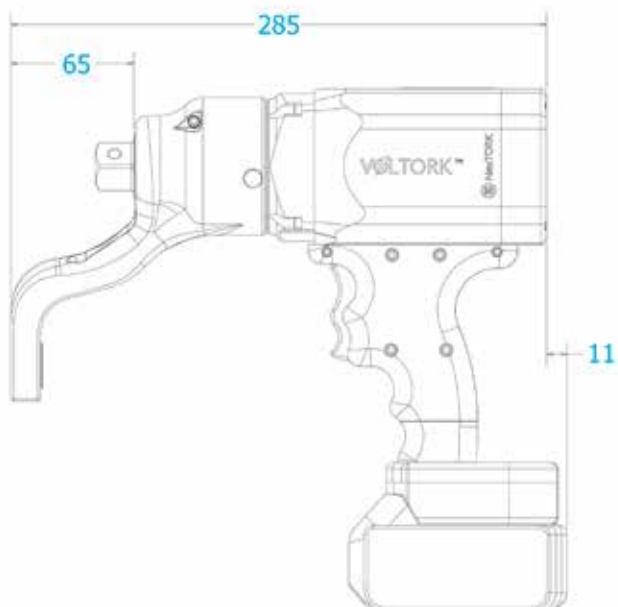
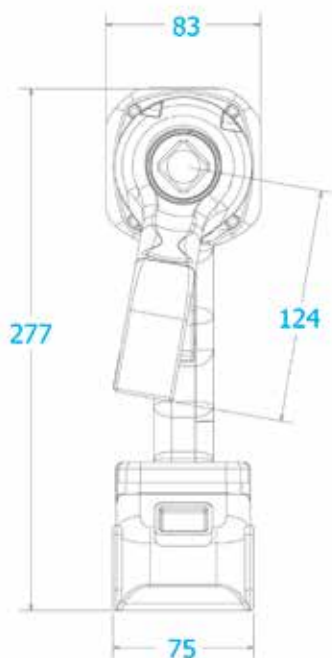
- VOLTORK™ tools can operate with either 18V Li-Ion Makita® compatible batteries or AC power using our available VOLTORK™ AC power supply
- Recommended 18V Li-Ion Makita® batteries include the 4Ah, 5Ah and 6Ah capacities
- Tools purchased and calibrated with the battery option can also be used with the VOLTORK™ AC power supply with no additional modifications and vice versa
- The VOLTORK™ AC power supply automatically self-adjusts so it can be used with virtually any available AC voltage between 100 and 240 with 50 or 60 Hz
- The VOLTORK™ AC power supply has a flexible 24ft (7.3m) cable connecting it to the tool for minimal movement during tool operation
- The power supply is sealed and thermally protected for use in the harshest environments; power LED indicates a equate AC power
- The low-profile version (P/N NTA-000077) measures 8.76 x 5.77 x 2.17 inches (22.25 x 14.66 x 5.51cm and weighs 4.5 lbs (2.0 Kg) (weight and dimensions do not include cable)

An ergonomic version featuring a detachable light-weight carry handle with integrated cable storage is also available as P/N NTA-000078 with a total weight of 6.5 lbs (2.9 Kg) (not including cable) This feature can also be added onto the low-profile version after purchase. Note the Power is delivered via a locally available computer power cable with an IEC 320-C13 connector (not included)

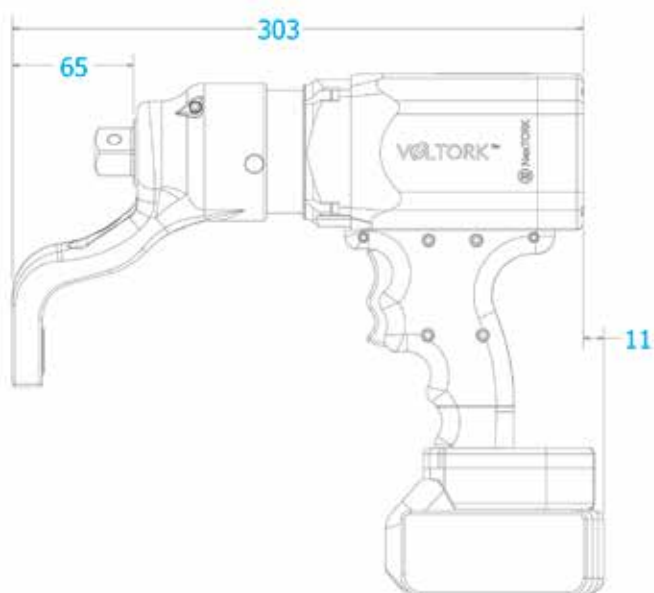
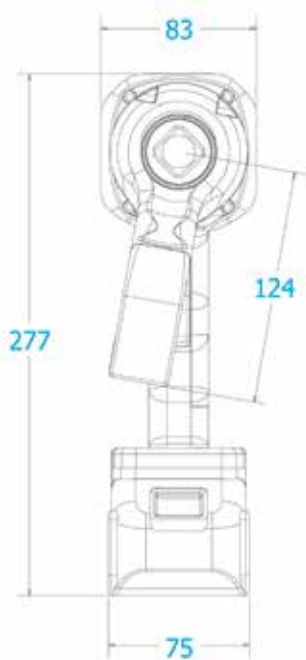


NT200B DIMENSIONS (MM)

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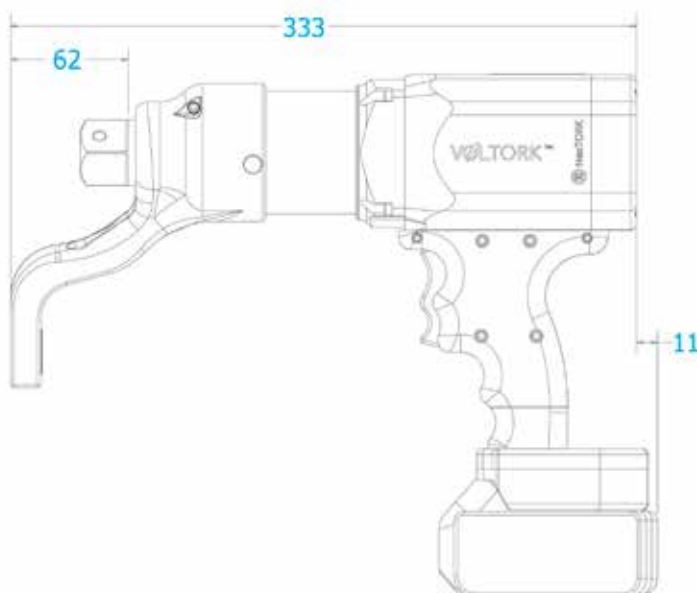
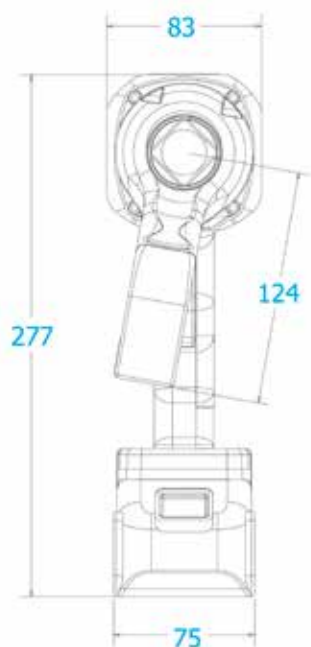


NT500B & NT800B DIMENSIONS (MM)

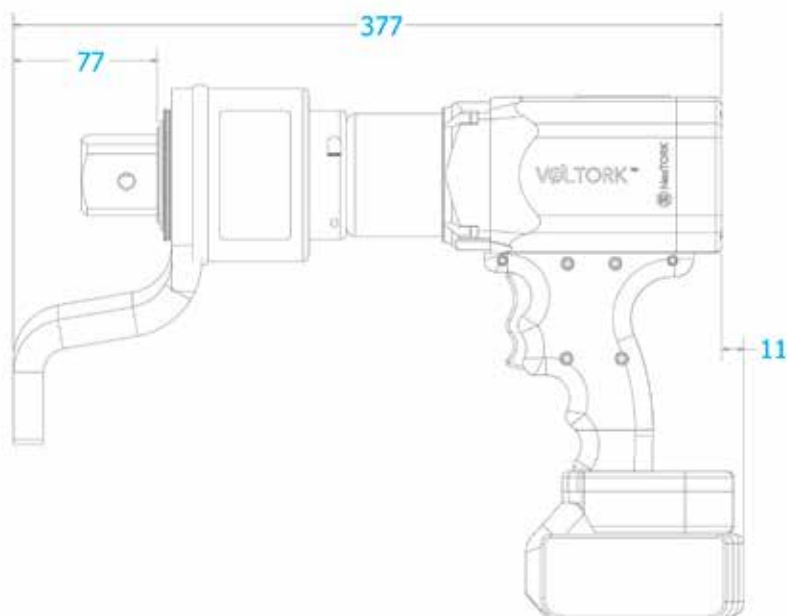
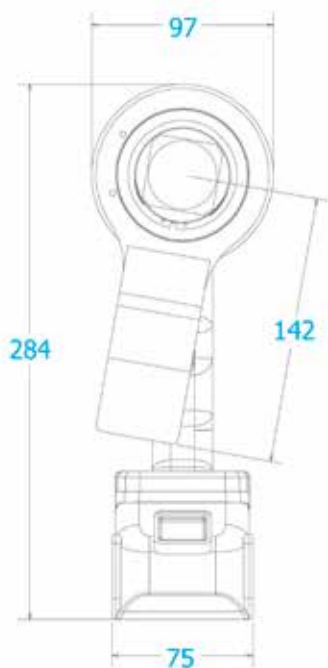


NT1300B DIMENSIONS (MM)

VOLTORK™



NT2600B DIMENSIONS (MM)



EQUIPMENT FOR AGRICULTURAL APPLICATIONS

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TIRFOR HOISTS (MADE IN FRANCE)

Tirfor® machines are portable manual hoists used with maxiflex wire rope. They can be used to lift, pull and position loads over great distances depending on the wire rope length. They are suitable for use in numerous configurations and are the ideal solution for use in professional applications; they are operated by a simple lever.

The load capacity of the Tirfor® system can be increased by using sheave blocks.

Portable hoist to lift and pull loads, for utilisation in numerous configurations with longer wire rope lengths available upon request.

FEATURES

- Low weight—quick installation
- No limitation in terms of cable length
- Manageable, light-weight, robust, powerful
- Increase load capacity with deflection sheaves
- Overload protection
- Precise load placement within millimetres



T-500 Series



TU Series

WIRE ROPE FOR ALL TIRFORS SOLD SEPARATELY

Model No.	*Lift WLL (kg)	*Pull WLL (kg)	Wt (kg)	Wire Rope Wt @ 20 metre (kg)	**Rope (mm) OD	Wire Rope UTS (kg)	Dimensions (mm) LxWxH	Handle Dimensions (mm) Open/Closed	Replacement Safety Shear Pin	Rope 20 metre & Reeler Model No.
T-508D	800	1,333	6.6	6.1	8.3	4,000	420x250x59	690/400	29506	1959
T-516D	1,600	2,666	13.5	13.1	11.5	8,000	530x315x127	1150/650	29516	2059
T-532D	3,200	5,333	24.0	26.6	16.3	16,000	620x355x130	1150/650	41206	2379
TU-8	800	1,333	8.4	6.1	8.3	4,000	527x265x108	770-510	8836	1959
TU-16	1,600	2,666	20.0	13.1	11.5	8,000	660x330x140	1190-680	8836	2059
TU-32	3,200	5,333	27.0	26.6	16.3	16,000	676x330x156	1190-680	6866	2379

* SAFETY FACTORS: 5:1 LIFTING & 3:1 PULLING unless otherwise nominated or required

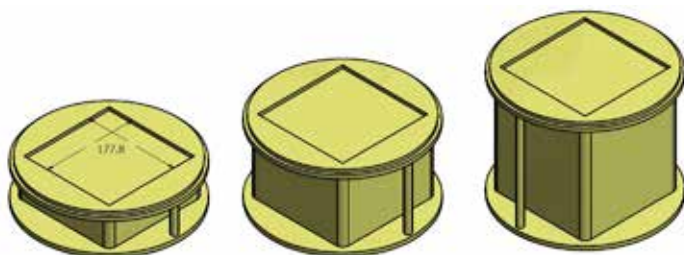
** BENDING RADIUS: Wire rope bending radius is to be greater than 12 x the diameter (12 x 11.5mm = greater than 138mm)

NOTE: • Hydraulic operated Tirfor hoists are also available in 1600 and 3200kg capacities, refer next page for more detail.

- Longer length wire rope on reeler or drum available upon request.

STEEL CRIB KIT MODEL NO. 15002

- Steel cribbing is durable - will not bend or warp
- Model 15002 is a complete set. It includes one each of 76.2, 152.4 and 228.6mm stands
- Units can be nested together for 457mm total height
- Recessed area on cribbing fits 177.8mm square plate on 50 tonne cylinders
- Each unit contains carrying handle



Stacking Examples

Model No	Capacity (Tonne)	Kit Contents	Weight (kg)
15002	90	1 x 15012, 1 x 15022, 1 x 15032	63.9

15002 KIT CONTENTS

Model No.	Height (mm)	Width (mm)	Recess Area (mm)	Weight (kg)
15012	76.2	304.8	177.8 x 177.8	17.2
15022	152.4	304.8	177.8 x 177.8	21.3
15032	228.6	304.8	177.8 x 177.8	25.4

SUPER STACKER CRIBBING BLOCK KIT MODEL NO. 15255

- Certified and Tested
- Multiple sizes, shapes fit most applications
- Interlocking or aggressive non-slip surface
- Non-conducting plastic resists oil and most chemicals
- Does not splinter, like wood
- Carrying lanyards provided on all crib blocks
- Made from 100% recycled plastic
- Can be used with Lincoln log mating or pyramid mating
- Industrial Kit is ideal for use up to 77 tonnes (Can be rated up to 135,000 kg, depending on configuration)



Model No.	Capacity (Tonne)	Kit Contents	Weight (kg)
15255	77	3 x 15210, 6 x 15230, 1 x 14465	50.0

15255 INDUSTRIAL KIT CONTENTS

Model No.	Qty in Kit	Dimensions LxWxH (mm)	Colour
15210	3	101.6 x 101.6 x 457.2	Black
15230	6	152.4 x 177.8 x 609.6	Black
14465	1	305.0 x 305.0 x 38.10	Black



SCAN & PLAY

14465 Jack Plate



Larger Capacity Block Kits Available on Request

MASADA STANDARD BOTTLE JACKS (MADE IN JAPAN)



OVERVIEW

Masada Standard Bottle Jacks are manufactured to traditional Japanese quality standards, combining modern design, high precision and exceptional durability. Known worldwide for their reliability, Masada hydraulic jacks feature robust welded construction and a unique forged base design that increases resistance to high pressure, delivering performance and durability beyond comparable products.

Trusted by leading automotive manufacturers including **Isuzu, Mitsubishi, Fuso, Hino, Nissan Diesel** and **Mazda**, Masada jacks are widely used across automotive, construction, machinery and industrial applications.

FEATURES

- High-quality Japanese hydraulic construction
- Welded body design for increased strength and durability
- Forged base improves pressure resistance and stability
- Operates in both vertical and horizontal positions
- Common release stem and valve assemblies across models
- Interchangeable components for easier servicing
- Suitable for machinery lifting, construction, automotive applications, house jacking, restumping and reblocking.
- Where applicable, certified to Australian Standards AS/NZS 2693-1993.

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
MS2G	Standard	2,000	2	180	115	50	345	142 x 95	2.4
MS-2SG	Standard	2,000	2	150	85	50	285	142 x 95	2.2
MS5YG	Standard	5,000	5	200	120	70	390	142 x 95	3.5
MH7	Standard	7,000	7	200	120	70	390	151 x 90	5.5
MH10	Standard	10,000	10	240	150	80	470	166 x 106	7.9
MH15	Standard	15,000	15	265	165	80	510	180 x 118	10.4
MH20	Standard	20,000	20	270	160	N/A	430	182 x 128	12.2
MH30Y	Industrial	30,000	30	280	160	N/A	440	192 x 142	18.5
MH50Y	Industrial	50,000	50	305	170	N/A	475	237 x 188	37
MH1000Y	Industrial	100,000	100	305	145	N/A	450	318 x 265	93

EXAMPLE APPLICATIONS



MS5YG



MH30Y



MH50Y



MH1000Y

MASADA BOTTLE JACKS – SHORT TYPE (MADE IN JAPAN)

MASADA

OVERVIEW

Masada Short Type Bottle Jacks are manufactured to traditional Japanese quality standards, offering a combination of strength, durability and lightweight design. The unique forged base construction provides increased resistance to high pressure, ensuring reliable performance in demanding lifting applications.

FEATURES

- High-quality Japanese manufacturing
- Lightweight and durable construction
- Forged base for improved strength and pressure resistance
- Approved to Australian Standards AS/NZS 2693-2007



MHB10

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
MHB10	Short Type	10,000	10	170	95	75	340	166 x 106	6.4
MHB15	Short Type	15,000	15	170	90	70	330	180 x 118	8
MHB20	Short Type	20,000	20	180	85	40	305	182 x 128	10.2
MHB30Y	Industrial	30,000	30	180	80	N/A	260	192 x 142	14

MASADA LOW HEIGHT BOTTLE JACKS (MADE IN JAPAN)

OVERVIEW

Masada Low Height Bottle Jacks are designed for applications where working space is limited. Their compact profile and horizontally mounted pump allow access into areas where standard bottle jacks cannot be used.

FEATURES

- Low profile design for restricted access areas
- Ideal for machinery adjustment and positioning
- Horizontal pump configuration
- Durable Japanese hydraulic construction



MMJ-5C



MMJ-10C



MMJ-20C

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
MMJ-5C	Compact	5,000	5	60	N/A	N/A	80	N/A	1.9
MMJ-10C	Compact	10,000	10	120	N/A	N/A	150	N/A	5.5
MMJ-20C	Compact	20,000	20	130	N/A	N/A	160	N/A	8

INDUSTRIAL BOTTLE JACK WITH PRESSURE GAUGE (MADE IN JAPAN)

MASADA

OVERVIEW

Masada Industrial Bottle Jacks with Pressure Gauge provide accurate monitoring of working load and hydraulic pressure during lifting operations. Designed for industrial applications, they are ideal for heavy lifting measurement and destructive testing requirements.

FEATURES

- Integrated pressure gauge for load monitoring
- Allows quick verification of working pressure
- Suitable for heavy-duty industrial applications
- Ideal for measurement and testing work


MH10P

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
MH10P	P Series	10,000	10	240	150	80	470	150 x 140	10
MH15P	P Series	15,000	15	265	165	80	510	180 x 118	12.8
MH20P	P Series	20,000	20	270	160	N/A	430	182 x 128	14.3

MASADA INVERTED BOTTLE JACKS (MADE IN JAPAN)

OVERVIEW

Masada Inverted Bottle Jacks are specially modified for hydraulic press applications, allowing operation in an inverted position. These Japanese-made hydraulic jacks provide reliable performance for workshop and industrial pressing applications.

FEATURES

- Designed for inverted hydraulic press applications
- High-quality Japanese hydraulic construction
- Reliable performance under demanding conditions
- Suitable for industrial workshop use


MH10PJ

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
MH10PJ	Inverted	10,000	10	240	150	80	470	166 x 106	7.9
MH15PJ	Inverted	15,000	15	265	165	80	510	180 x 118	10.4
MH20PJ*	Inverted	20,000	20	270	160	N/A	430	182 x 128	12.2

Ram return springs for retracting the ram are not included.

MH20PJ model is available by order only. Delivery is typically 8–12 weeks from order.

MASADA TWO STAGE TELESCOPIC BOTTLE JACKS (MADE IN JAPAN)

MASADA

OVERVIEW

Masada Two Stage Telescopic Bottle Jacks are engineered to provide maximum lifting height while maintaining a compact closed height. Their unique telescopic design makes them ideal for vehicles and equipment where lifting space is restricted.

FEATURES

- Two-stage telescopic lifting design
- Maximum lift from a compact body size
- Low minimum height for restricted access
- Suitable for cars, 4WDs, trucks and buses
- Japanese-made hydraulic reliability



HPD4NG



HFD-10



HFD-10F

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Adaptor (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
HPD4NG	Two Stage	2,000	2	150	160	30	N/A	340	N/A	4.3
HFD-10	Two Stage	10,000	10	170	180	70	N/A	420	118 x 180	8.7
HFD-10F	Two Stage	10,000	10	(A) 120 (B) 160	100	N/A	40	(A) 220 (B) 260	118 x 180	8.7

LIFTECH LT SERIES LONG RAM JACKS

LIFTECH

OVERVIEW

Liftech Long Ram Jacks are high-quality hydraulic jacks designed for a wide range of applications, particularly as hydraulic lifting components for mobile cranes. Available in multiple capacities and base configurations to suit different installation requirements. Models are available with either flat base or clevis pin/swivel base configurations.

FEATURES

- 3-8 Tonne capacities
- Suitable for mobile crane applications
- Electrostatic paint finish for corrosion protection
- Choice of flat or clevis pin base options
- Air/hydraulic model available (LTA208SB)
- Seal kits available for all models



LT203SB



LT203



LT208SB

SPECIFICATIONS

Model No.	Working Load Limit (kg)	Closed Height (mm)	Lift (mm)	Max. Height (mm)	Ram Diameter (mm)	Base Size (mm)	Net Weight (kg)
LT203	3,000	590	480	1,070	28.5	115 x 100	9.6
LT205	5,000	590	480	1,070	31.5	115 x 100	10.5
LT208	8,000	614	484	1,098	34.5	115 x 100	14.5
LT203SB	3,000	590	480	1,070	28.5	115 x 100	9.6
LT205SB	5,000	590	480	1,070	31.5	115 x 100	10.5
LT208SB	8,000	614	484	1,098	34.5	115 x 100	14.5
LTA208SB	8,000	680	480	1,160	34.5	115 x 100	16

Models are available with flat base or clevis pin/swivel base configurations. Example: LT203 = Flat base, LT203SB = Clevis pin/swivel base. Clevis pin base increases the overall closed height by 53mm.

HYDRACLAW HYDRAULIC 5 TONNE MINING JACK



OVERVIEW

The HYDRACLAW series jack is Tangye's only all-steel jack. Its robust, ferrous construction allows it to withstand rough treatment, making it ideal for mining engineers performing heavy lifts in confined working spaces and leading to its extensive use underground. Reliability is enhanced by totally enclosed jack hydraulics, while safety is increased through a positive stop feature that prevents overstroking and a pressure relief valve that prevents overloading. A substantial base provides excellent stability under load.

FEATURES

- 5-tonne lifting capacity
- All-steel (ferrous) construction
- High lift: 178 mm
- Low clearance: 41 mm
- Fast operation: 5.5 mm per stroke
- Horizontal or vertical operation

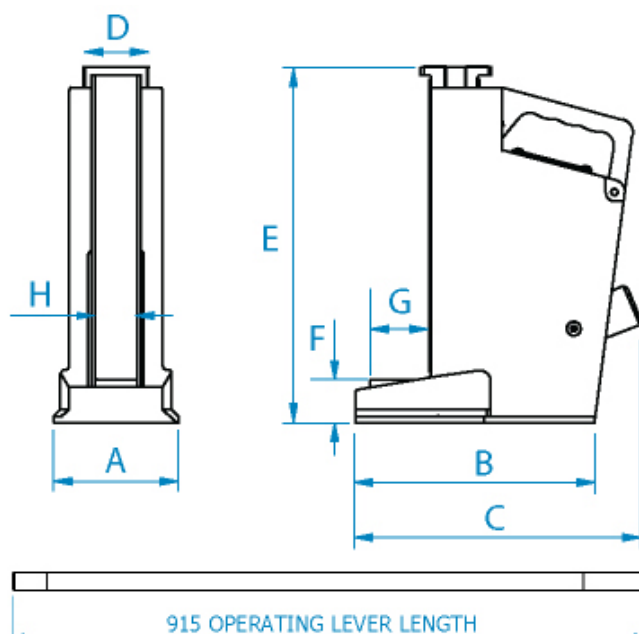
SPECIFICATIONS

Model No.	9501W
Ram Capacity (Tonne)	5 Tonne
Oil Capacity (L)	0.68 Litres
Weight of Jack (kg)	18 kg
Weight of Lever (kg)	3.63 kg
Working Pressure Bar (PSI)	618 (8963)
Maximum Effort on Lever (kg)	45 kg
Stroke - mm (ins)	178 (7)
Lift per Stroke - mm (ins)	5.5 (0.21)
Service Kit Number	995125



DIMENSIONS

Dimensions mm (ins)	
A - Width	114 (4.5)
B - Centre Ram to Face	220 (8.7)
C - Overall Length	260 (10.2)
D - Ram Width	57 (2.2)
E - Height	325 (12.8)
F - Claw Height	41 (1.6)
G - Claw Depth	52 (2)
H - Closed Height	38 (1.5)



HYDRAMITE HYDRAULIC 6.5, 10 & 15 TONNE JACKS



OVERVIEW

The HYDRAMITE Series jacks are ideal portable tools for lifting heavy loads, offering powerful capacities of 6.5 tonne, 10 tonne, and 15 tonne. Proven in thousands of applications worldwide, they are well engineered for easy servicing and repair. Safety is enhanced with a built-in relief valve that prevents overloading. Compact and lightweight in design, these jacks are highly versatile, operating in any orientation and fully enclosed for use in dusty conditions. Smooth lifting and lowering are controlled by a simple operating lever, and the jacks are available with plane, swivel, or ball interfaces.

FEATURES

- 6.5–15 tonne capacity
- Compact & lightweight
- Overload protection valve
- All-position operation
- Dust-sealed design

SPECIFICATIONS

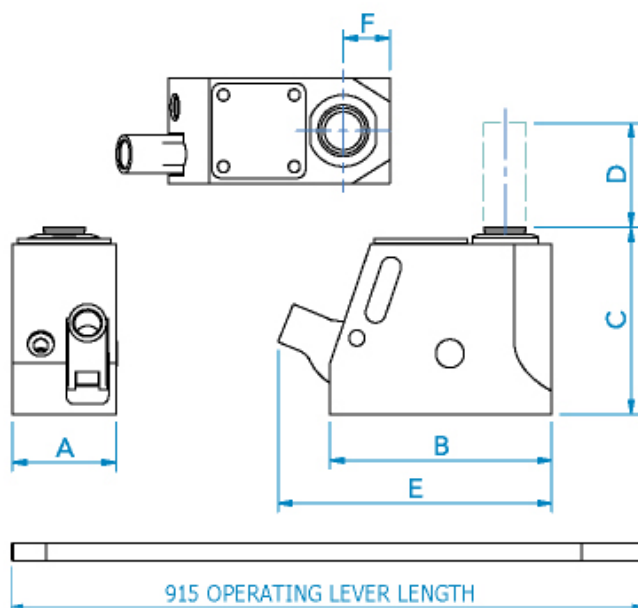
Model No.	8104H	1105002	1105003
Capacity (Tonne)	6.5	10	15
Oil Capacity (L)	0.1	0.13	0.27
Weight (kg)	3.6	6.3	10
Service Kit Number	995052	995053	995054



EQUIPMENT FOR AGRICULTURAL APPLICATIONS

DIMENSIONS

	Dimensions mm (ins)		
A - Base Width	76 (2.99)	76 (2.99)	92 (3.62)
B - Base Depth	158 (6.22)	171 (6.73)	197 (7.75)
C - Closed Height	140 (5.51)	182 (7.17)	230 (9.06)
D - Stroke	75 (2.95)	115 (4.5)	152 (5.98)
E - Max Depth	190 (7.48)	207 (8.15)	236 (9.29)
F - Centre Ram to Face	33.3 (1.31)	40 (1.57)	48 (1.89)
Ram Diameter	30 (1.18)	38 (1.5)	47.5 (1.87)



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HYDRALITE PS-SERIES HYDRAULIC JACKS

OVERVIEW

The HYDRALITE PS-series is a range of lightweight jacks designed to lift, lower, manoeuvre, and position heavy loads with maximum safety. Designed with portability in mind, extensive use of high-strength aluminium alloys minimises jack weight while maintaining strength. Renowned worldwide for reliability, Hydralite's long service life makes it the preferred choice for many rental operations. All moving parts are totally enclosed and lubricated by hydraulic oil, while seals are highly resistant to deterioration across a wide range of climatic conditions. Built with safety as a priority, the jacks feature overload and overstroke protection: a high-pressure relief valve prevents lifting excessive loads, and a fail-safe positive stop mechanism vents oil to the reservoir when the stroke limit is reached. For sustained loads, screwed ram models are recommended. Full capacity can be achieved by a single operator using a short, lightweight lever that requires minimal operating space. Easy and versatile operation is provided via a hexagon key in the operating lever, with most models offering three lever positions for optimal working height. The jacks can be used vertically or horizontally due to a carefully positioned breather. Low-clearance claw models are available, and a wide range of capacities from 20 to 100 tonne is offered, with stroke options from 6" to 18" and a choice of plain, claw, or screwed rams. Designed for easy maintenance, inspection and component replacement are straightforward, and unlike pump-and-cylinder systems, Hydralite jacks are immediately ready for use.

FEATURES

- Lightweight aluminium design
- 20–100 tonne capacity
- Overload & overstroke protection
- 6" to 18" stroke
- Ready for immediate operation



Type	Plain				Claw/Toe			Screwed		
	Base	Standard	Optional Long	Long	Long			Standard	Long	
Stroke (Inches)		6	12	18	6	12	18	6	12	18
Stroke (mm)		152	305	457	152	305	457	152	305	457
Load (Tonnes)	20	PS620	PS620C1	PS1220L	PS620C	PS1220C		*PS620S	PS1220S	
	30	PS630	PS630C1	PS1230L	PS630C	PS1230C		*PS630S	PS1230S	
	40			PS1840L			PS1840C			PS1840S
	60	PS660	PS660C1	PS1260L	PS660C	PS1260C		*PS660S	PS1260S	
	72									
	100	*P6100						*P6100S		
Claw Load (Tonnes)	8				PS620C	PS1220C				
	12				PS630C	PS1230C				
	16						PS1840C			
	24				PS660C	PS1260C				

* Long base option is not available.

HYDRALITE PS-SERIES 6" 20, 30 & 60 TONNE HYDRAULIC JACKS



SPECIFICATIONS 6" PLAIN

Product Code	PS620	PS630	PS660
Ram Capacity (Tonne)	20	30	60
Oil Capacity (L)	0.64	0.88	1.71
Stroke - mm (ins)	152 (6)	152 (6)	152 (6)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight (kg)	10.9	15.4	27.4
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	133506	133511	133518
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	60 (2.38)	70 (2.75)	92 (3.625)
C - Base Length	178 (7)	197 (7.75)	251 (9.875)
D - Overall Depth	214 (8.44)	235 (9.25)	286 (11.25)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	263 (10.35)	263 (10.35)	293 (11.562)

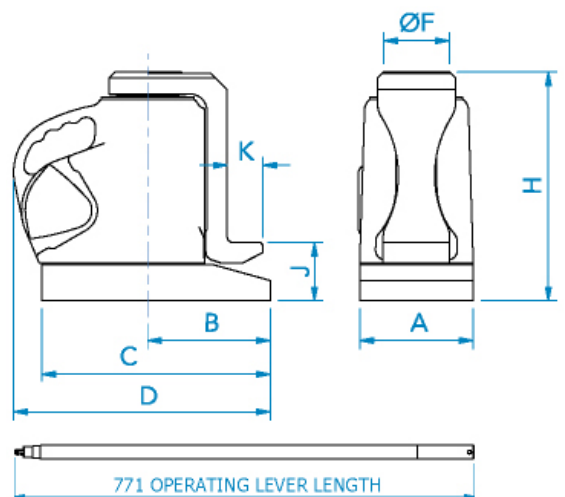
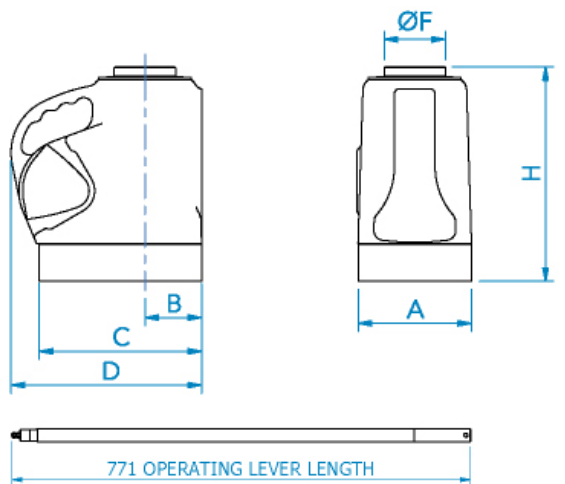
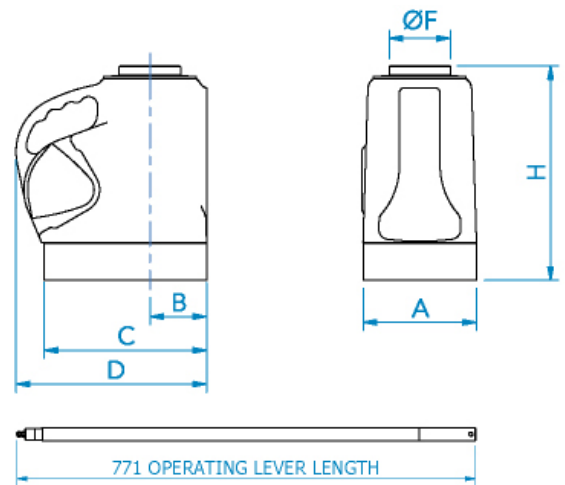
To order the long base, add the suffix "C1" to the end of the model number.

SPECIFICATIONS 6" SCREWED

Product Code	PS620S	PS630S	PS660S
Ram Capacity (Tonne)	20	30	60
Oil Capacity (L)	0.64	0.88	1.71
Stroke - mm (ins)	152 (6)	152 (6)	152 (6)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight (kg)	10.9	15.4	27.4
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	133930	133932	133935
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	60 (2.38)	70 (2.75)	92 (3.625)
C - Base Length	178 (7)	197 (7.75)	251 (9.875)
D - Overall Depth	214 (8.44)	235 (9.25)	286 (11.25)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	263 (10.35)	263 (10.35)	293 (11.562)

SPECIFICATIONS 6" CLAW/TOE

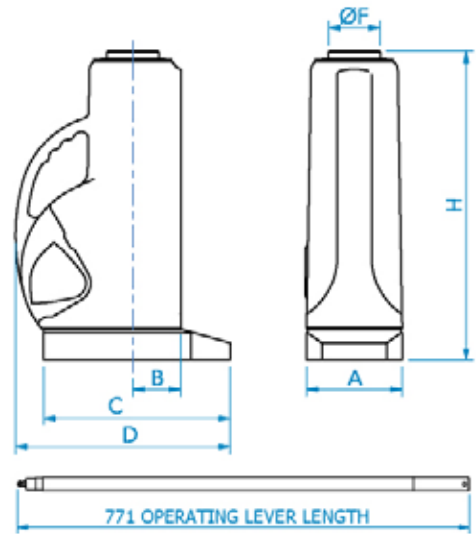
Product Code	PS620C	PS630C	PS660C
Ram Capacity (Tonne)	20	30	60
Claw Capacity (Tonne)	8	12	24
Oil Capacity (L)	0.64	0.88	1.71
Stroke - mm (ins)	152 (6)	152 (6)	152 (6)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight of Jack (kg)	10.9	15.4	27.4
Weight of Claw	3.6	4.9	15.7
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	13350	133511	133518
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	60 (2.38)	70 (2.75)	92 (3.625)
C - Base Length	178 (7)	197 (7.75)	251 (9.875)
D - Overall Depth	214 (8.44)	235 (9.25)	286 (11.25)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	263 (10.35)	263 (10.35)	293 (11.562)
J - Base to Claw	67 (2.63)	73 (2.875)	73 (2.875)
K - Claw Depth	41 (1.61)	45 (1.77)	48 (1.89)



HYDRALITE PS-SERIES 12" 20, 30 & 60 TONNE HYDRAULIC JACKS TANGYE

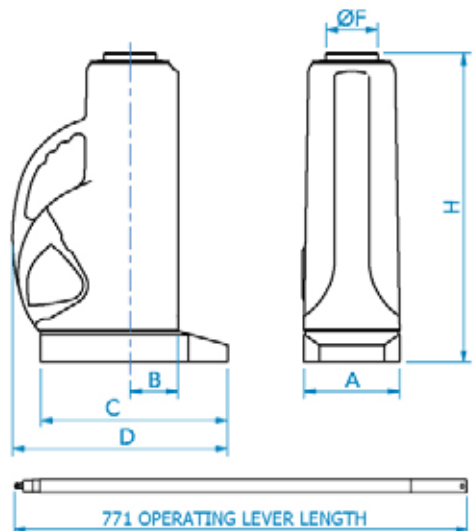
SPECIFICATIONS 12" PLAIN

Product Code	PS1220L	PS1230L	PS1260L
Ram Capacity (Tonne)	20	30	60
Oil Capacity (L)	1.14	1.71	2.84
Stroke - mm (ins)	305 (12)	305 (12)	305 (12)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight (kg)	16.7	23.4	43.7
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	133506	133511	133518
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	60 (2.38)	70 (2.75)	92 (3.625)
C - Base Length	246 (9.69)	273 (10.75)	339 (13.375)
D - Overall Depth	289 (11.38)	311 (12.25)	384 (15.375)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	438 (17.25)	451 (17.75)	500 (19.687)



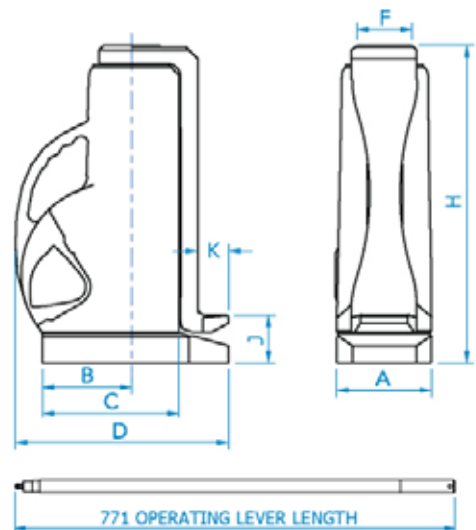
SPECIFICATIONS 12" SCREWED

Product Code	PS1220S	PS1230S	PS1260S
Ram Capacity (Tonne)	20	30	60
Oil Capacity (L)	1.14	1.71	2.84
Stroke - mm (ins)	305 (12)	305 (12)	305 (12)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight (kg)	16.7	23.4	43.7
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	133930	133932	133935
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	60 (2.38)	70 (2.75)	92 (3.625)
C - Base Length	246 (9.69)	273 (10.75)	339 (13.375)
D - Overall Depth	289 (11.38)	311 (12.25)	384 (15.375)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	438 (17.25)	451 (17.75)	500 (19.687)



SPECIFICATIONS 12" CLAW/TOE

Product Code	PS1220C	PS1230C	PS1260C
Ram Capacity (Tonne)	20	30	60
Claw Capacity (Tonne)	8	12	24
Oil Capacity (L)	1.14	1.71	2.84
Stroke - mm (ins)	305 (12)	305 (12)	305 (12)
Lift per Stroke - mm (ins)	1.1 (0.042)	0.7 (0.026)	0.3 (0.013)
Weight of Jack (kg)	16.7	23.4	43.7
Weight of Claw	5.5	7.6	21.2
Working Pressure Bar (PSI)	682 (9,900)	644 (9,350)	644 (9,350)
Maximum Effort on Lever (kg)	54	52	52
Service Kit Number	13350	133511	133518
Dimensions mm (ins)			
A - Width	121 (4.75)	140 (5.5)	190 (7.5)
B - Centre Ram to Face	125 (4.94)	143 (5.625)	181 (7.125)
C - Base Length	246 (9.69)	273 (10.75)	339 (13.375)
D - Overall Depth	289 (11.38)	311 (12.25)	384 (15.375)
F - Ram Diameter	60 (2.38)	76 (3)	108 (4.25)
H - Closed Height	452 (17.88)	470 (18.5)	533 (21)
J - Base to Claw	67 (2.63)	73 (2.875)	73 (2.875)
K - Claw Depth	41 (1.61)	45 (1.77)	48 (1.89)

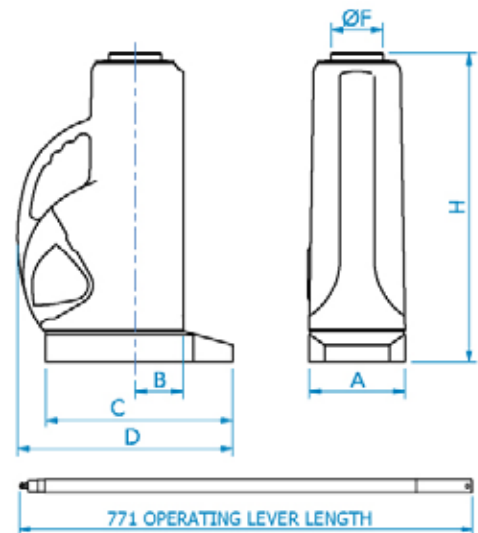


HYDRALITE PS-SERIES 18" 40 TONNE HYDRAULIC JACKS



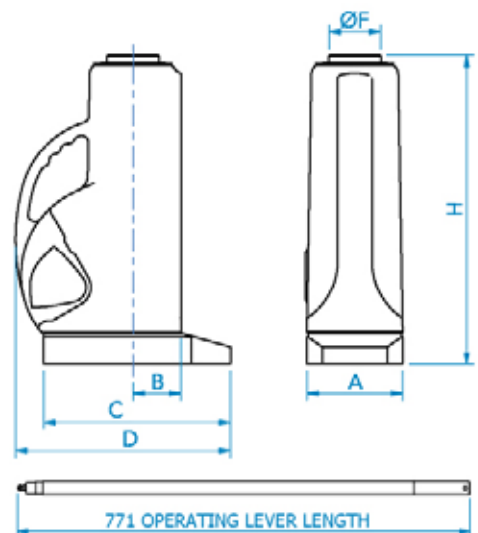
SPECIFICATIONS 18" PLAIN

Product Code	PS1840L
Ram Capacity (Tonne)	40
Oil Capacity (L)	3.7
Stroke - mm (ins)	457 (18)
Lift per Stroke - mm (ins)	0.5 (0.02)
Weight (kg)	47.7
Working Pressure Bar (PSI)	632 (9166)
Maximum Effort on Lever (kg)	50
Service Kit Number	133529
Dimensions mm (ins)	
A - Width	190 (7.5)
B - Centre Ram to Face	79 (3.1)
C - Base Length	324 (12.8)
D - Overall Depth	378 (14.9)
F - Ram Diameter	89 (3.5)
H - Closed Height	686 (27)



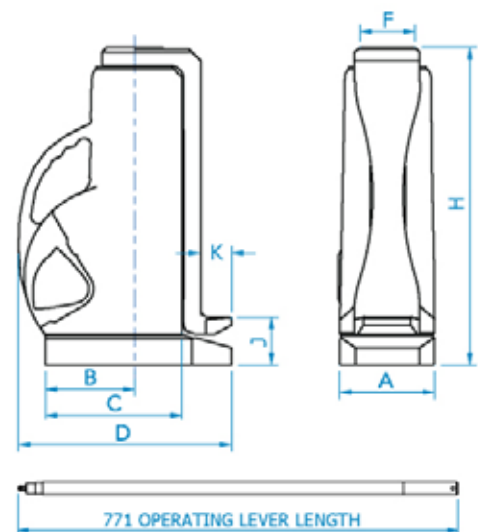
SPECIFICATIONS 18" SCREWED

Product Code	PS1840S
Ram Capacity (Tonne)	40
Oil Capacity (L)	3.7s
Stroke - mm (ins)	457 (18)
Lift per Stroke - mm (ins)	0.5 (0.02)
Weight (kg)	47.7
Working Pressure Bar (PSI)	632 (9166)
Maximum Effort on Lever (kg)	50
Service Kit Number	133934
Dimensions mm (ins)	
A - Width	190 (7.5)
B - Centre Ram to Face	79 (3.1)
C - Base Length	324 (12.8)
D - Overall Depth	378 (14.9)
F - Ram Diameter	89 (3.5)
H - Closed Height	686 (27)



SPECIFICATIONS 18" CLAW/TOE

Product Code	PS1840C
Ram Capacity (Tonne)	40
Claw Capacity (Tonne)	16
Oil Capacity (L)	3.7s
Stroke - mm (ins)	457 (18)
Lift per Stroke - mm (ins)	0.5 (0.02)
Weight of Jack (kg)	47.7
Weight of Claw	16.2
Working Pressure Bar (PSI)	632 (9166)
Maximum Effort on Lever (kg)	50
Service Kit Number	133529
Dimensions mm (ins)	
A - Width	190 (7.5)
B - Centre Ram to Face	79 (3.1)
C - Base Length	324 (12.8)
D - Overall Depth	378 (14.9)
F - Ram Diameter	89 (3.5)
H - Closed Height	711 (28)
J - Base to Claw	63 (2.5)
K - Claw Depth	48 (1.9)



HYDRALITE PS-SERIES 6" 100 TONNE HYDRAULIC JACK



OVERVIEW

The HYDRALITE P-Series 100-tonne jack is powered by two internal pumps. A low-pressure, high-speed plunger extends the ram rapidly up to an initial load of approximately 8 tonnes, after which the system automatically transfers to the high-pressure plunger. This two-stage operation ensures fast approach and precise, controlled lifting under heavy loads. The ram lift per lever stroke is 1.1 mm in low-pressure mode and 0.1 mm in high-pressure mode, providing both speed and accuracy.

FEATURES

- 100-tonne lifting capacity
- Dual internal pump system
- Automatic pressure transfer
- Fast approach & fine control
- Precision hydraulic operation

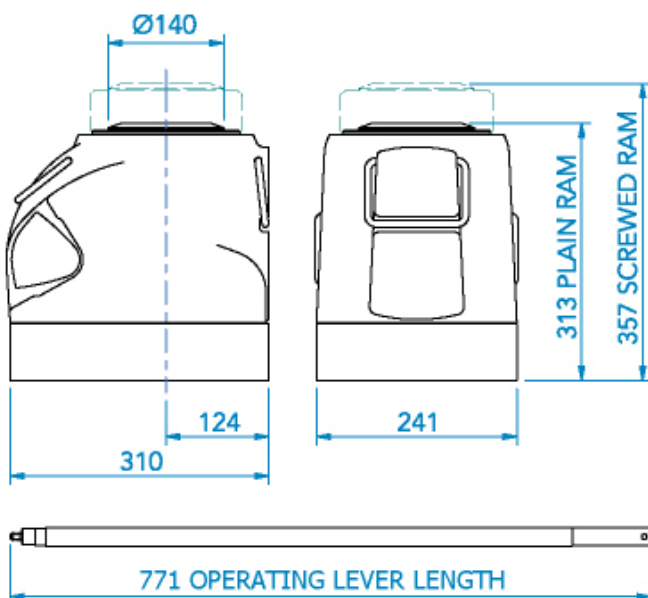
SPECIFICATIONS

Model No.	P6100 (Plain)	P6100S (Screwed)
Ram Capacity (Tonne)	100	100
Oil Capacity (L)	2.23	2.3
Stroke - mm (ins)	152 (6)	152 (6)
Lift per Stroke High - mm (ins)	0.1 (0.005)	0.1 (0.005)
Lift per Stroke Low - mm (ins)	1.1 (0.043)	1.1 (0.043)
Weight (kg)	49	53
Working Pressure Bar (PSI)	640 (9280)	640 (9280)
Maximum Effort on Lever (kg)	79	79
Service Kit Number	995058	995058



P6100

DIMENSIONS



T-SERIES HYDRAULIC HYDRAULIC GARAGE JACKS

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

The Model 2T-C is a low-height jack, ideal for lifting points along side panels. Designed for durability and ease of use, the unit features an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering.

Its low entry profile, with a minimum height of 80 mm, makes it suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading.

The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

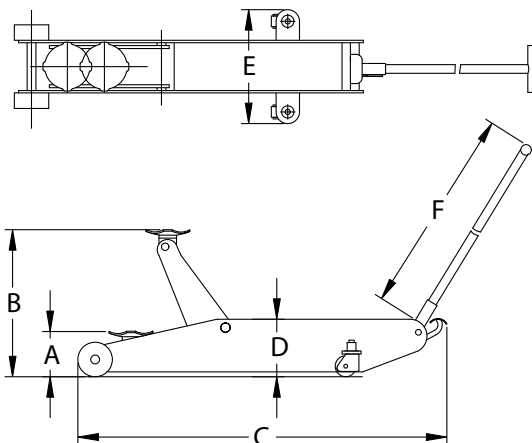
KEY FEATURES

- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability

OPTIONAL ACCESSORIES

Model No.	Description	Image
060260	CSL LED light	

DIMENSIONAL DRAWINGS



SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
2T-C	1.5	80	500	730	160	380	925	36

COMPAC®



EQUIPMENT FOR AGRICULTURAL APPLICATIONS

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T-SERIES HYDRAULIC GARAGE JACKS



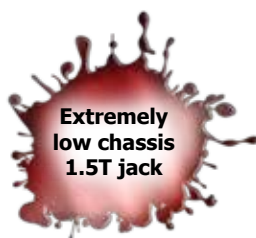
OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

The Model 2T-77 is an extremely low-profile, 1.5-tonne jack. Designed for durability and ease of use, the unit features an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering. Its low entry height, with a minimum height of 77 mm, makes it suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading. The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

KEY FEATURES

- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability



Extremely low chassis improves access under low vehicles.

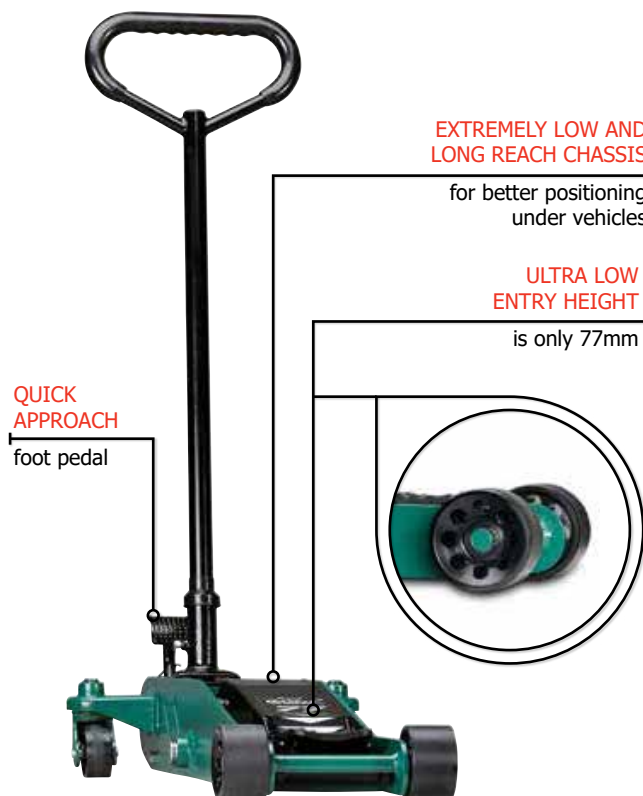
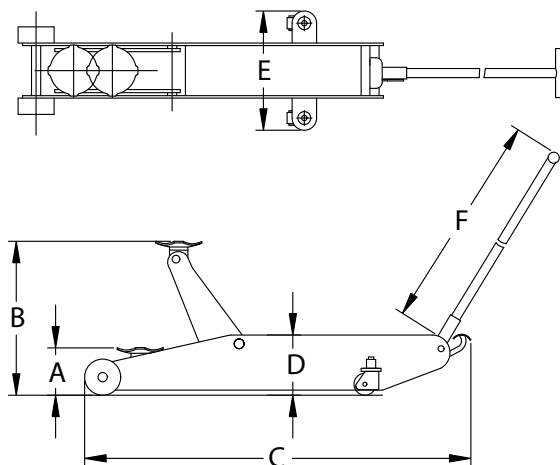


Long reach chassis improves access to lifting points deep under vehicles.

OPTIONAL ACCESSORIES

Model No.	Description	Image
060260	CSL LED light	

DIMENSIONAL DRAWINGS



SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
2T-77	1.5	77	480	950	126	380	925	42

T-SERIES HYDRAULIC GARAGE JACKS

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

The Model 3T-C is a 1.5-tonne jack, ideal for vans, SUVs, and campers. Designed for durability and ease of use, the unit features an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering. Its low entry profile, with a minimum height of 115 mm, makes it suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading.

The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

KEY FEATURES

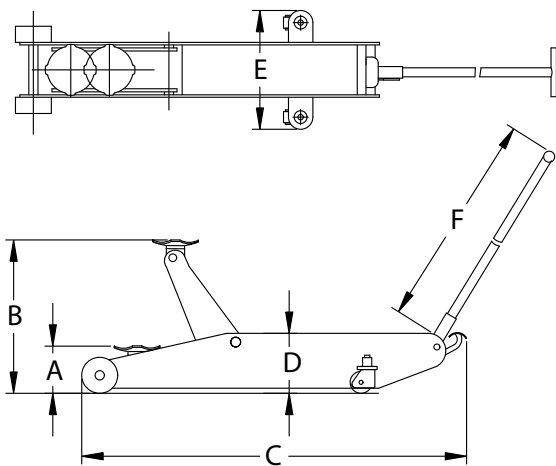
- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability



OPTIONAL ACCESSORIES

Model No.	Description	Image
060260	CSL LED light	

DIMENSIONAL DRAWINGS

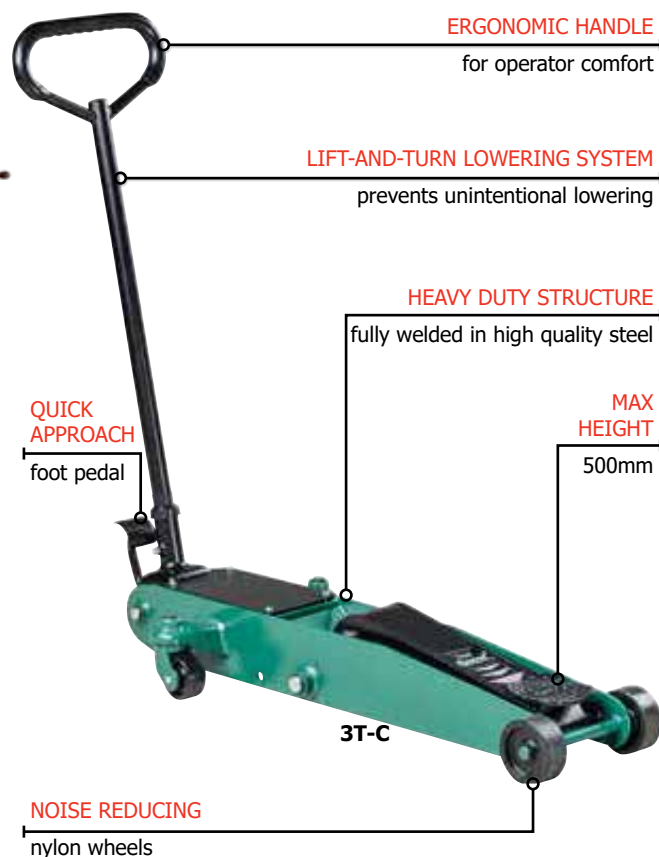


SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
3T-C	1.7	115	500	1015	170	380	925	43



Long reach chassis improves access to lifting points deep under most vehicles.



T-SERIES HYDRAULIC GARAGE JACKS

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

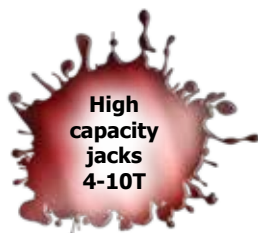
The Models 4T-C, 10T-C, and 10T-2A are heavy-duty jacks with capacities ranging from 4 to 10 tonnes, ideal for truck and bus lifting applications. Designed for durability and ease of use, the units feature an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering.

Their low profile design makes them suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading.

The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

KEY FEATURES

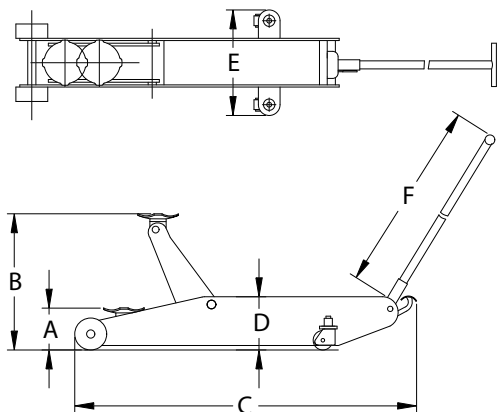
- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability



OPTIONAL ACCESSORIES

Model No.	Description	Image
060200	Air rubber tyres fitted on point of balance enhance manoeuvrability of large jacks. Will flatten under load.	

DIMENSIONAL DRAWINGS

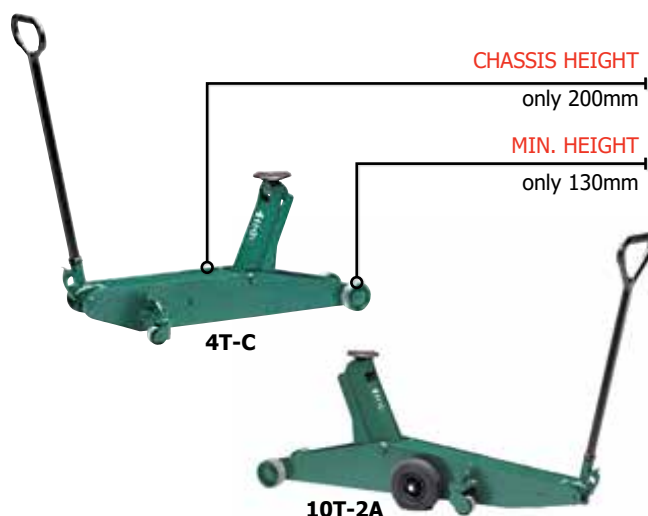


SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
4T-C	4	130	545	1270	200	465	1045	74
10T-C	7.5	165	580	1410	225	435	1045	110
10T-2A	10	200	600	1790	325	475	1045	169



10T-C long reach chassis improves access to lifting points deep under trucks, optional rubber wheel (Part No. 060200) fitted.



T-SERIES HYDRAULIC GARAGE JACKS

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

The Model 2T-HC is a high-lift 1.5-tonne jack. Designed for durability and ease of use, the unit features an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering. Its low entry height, with a minimum height of 98 mm, makes it suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading.

The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

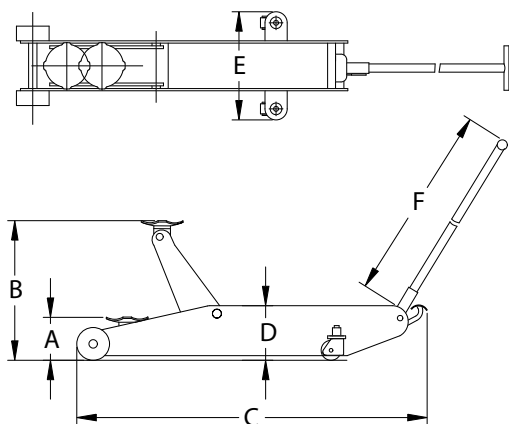
KEY FEATURES

- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability

OPTIONAL ACCESSORIES

Model No.	Description	Image
060260	CSL LED light	

DIMENSIONAL DRAWINGS



SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
2T-HC	1.5	98	735	1035	200	380	1045	56



ERGONOMIC HANDLE

for operator comfort

LIFT-AND-TURN LOWERING SYSTEM

prevents unintentional lowering



T-SERIES HYDRAULIC GARAGE JACKS

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

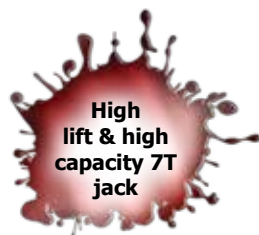
The Model 8T-HC is a high-lift, high-capacity 7-tonne jack, perfect for agricultural machinery applications. Designed for durability and ease of use, the unit features an ergonomically designed handle for operator comfort and a lift-and-turn lowering system to prevent unintentional lowering.

Its low profile design makes it suitable for a wide range of applications, while the quick-approach foot pedal improves efficiency. Safety is enhanced with a built-in lowering control valve for smooth operation under maximum load and a pressure relief valve to prevent overloading.

The heavy-duty, fully welded, high-quality steel construction ensures strength and durability, while noise-reducing nylon wheels provide smooth and quiet mobility.

KEY FEATURES

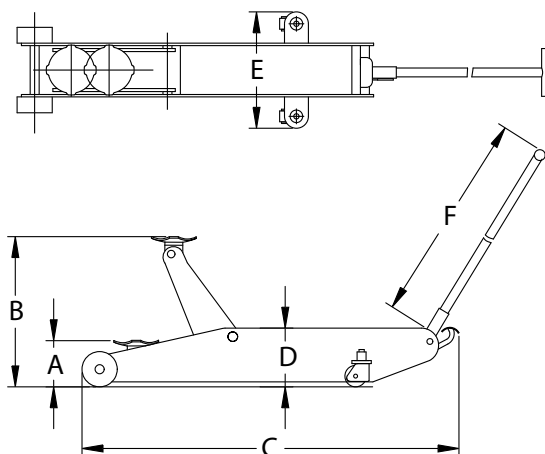
- Low entry height
- Quick approach foot pedal
- Built-in safety lowering control
- Built-in pressure relief valve
- Heavy-duty steel construction
- Spare parts availability



OPTIONAL ACCESSORIES

Model No.	Description	Image
060200	Air rubber tyres fitted on point of balance enhance manoeuvrability of large jacks. Will flatten under load.	

DIMENSIONAL DRAWINGS



SPECIFICATIONS

Model No.	Max (ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
8T-HC	7	180	960	1830	350	475	1045	185



8T-HC high lift jack designed for agricultural machinery, complete with optional rubber wheel (Part No. 060200) fitted.

ERGONOMIC HANDLE

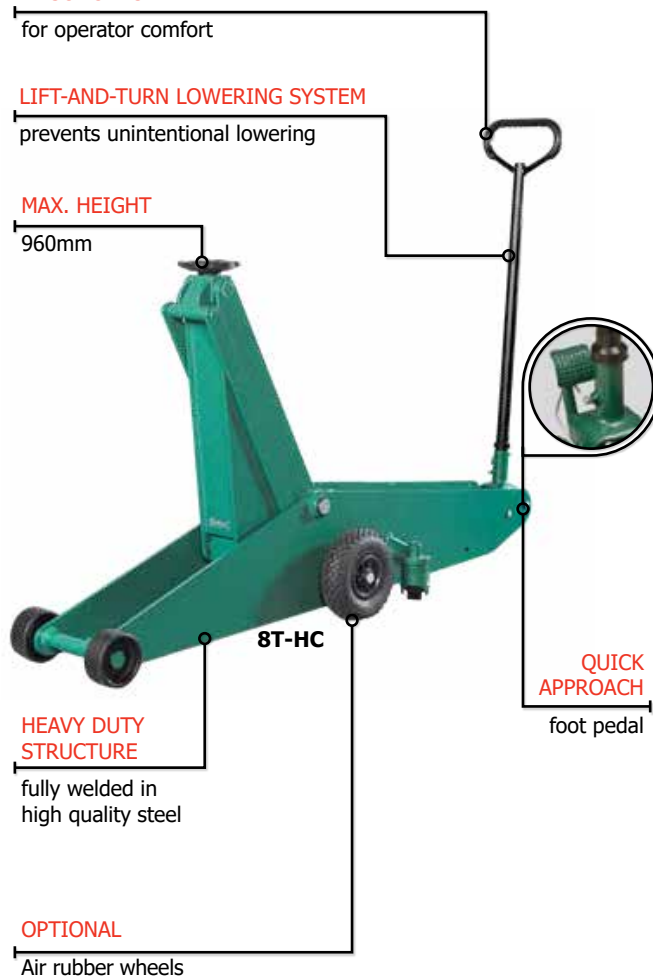
for operator comfort

LIFT-AND-TURN LOWERING SYSTEM

prevents unintentional lowering

MAX. HEIGHT

960mm



HEAVY DUTY STRUCTURE

fully welded in high quality steel

OPTIONAL

Air rubber wheels

LIFTECH GARAGE JACKS



OVERVIEW

Liftech Garage Jacks are designed for strength, reliability and long service life in workshop and automotive environments. Available in standard, low-height and high-lift models to suit a wide range of lifting applications. Universal joint release system provides smooth and trouble-free operation. LT200TLPN and LT200TJN models feature turbo lift-to-load capability.

FEATURES

- Strong and durable frame design
- Long service life
- Stable wide wheelbase
- Easy and reliable operation
- Standard, low and high lift options
- Turbo lift models available



SPECIFICATIONS

Model No.	Working Load Limit (kg)	Min Height (mm)	Lift (mm)	Max. Height (mm)	Overall Length (mm)	Overall Width (mm)	Max. Frame Height (mm)	Net Weight (kg)	Pump
LT200TJN	2,000	139	331	470	630	340	162	32	Manual
LT400	4,000	140	460	600	885	400	240	88	Manual
LT1000	10,000	150	435	585	805	550	260	118	Manual

LIFTECH HEAVY DUTY AIR / HYDRAULIC GARAGE JACKS

OVERVIEW

Liftech Heavy Duty Air/Hydraulic Garage Jacks have been proven in Australian conditions for over 30 years. Designed for efficient workshop operation, they combine compact design, fast lifting capability and reliable safety features for heavy-duty applications. Mechanical quick lift allows the operator to raise the saddle quickly to the loading point with a single handle movement. Rear wheels allow movement in any direction for easier positioning. Foot plate design helps balance and manoeuvre the jack safely.

FEATURES

- Air/hydraulic operation
- Mechanical quick lift system
- Fast saddle positioning
- Compact and lightweight design
- Easy manoeuvrability
- Built-in overload protection
- Automatic safety valve prevents overloading.



SPECIFICATIONS

Model No.	Working Load Limit (kg)	Min. Height (mm)	Lift (mm)	Max. Height (mm)	Overall Length (mm)	Overall Width (mm)	Max. Frame Height (mm)	Net Weight (kg)	Pump
YM1000D	10,000	160	526	686	1,740	528	250	150	Manual
YMA1000D	10,000	155	525	680	1,740	528	250	160	Air / Manual

MASADA GARAGE JACKS (MADE IN JAPAN)

MASADA

OVERVIEW

Masada Garage Jacks are designed for professional workshop applications, combining strength, safety and ease of operation. The foot pedal pump allows quick saddle positioning, while the robust frame and manoeuvrable design provide reliable handling during lifting operations.

FEATURES

- Foot pedal pump for fast saddle positioning
- Rear castors for easy movement and balance
- Lockable handle and rear footplate for control
- Strong frame designed for safety and durability
- Tested and compliant to AS 2615-2016



SJ50H

SPECIFICATIONS

Model No.	Series	Capacity (kg)	Capacity (Tonne)	Closed Height (mm)	Lift (mm)	Screw Height (mm)	Max. Height (mm)	Base Area (mm)	Weight (kg)
SJ50H	Garage Jacks	4,000	4	150	410	N/A	560	1,410 x 365	85
SJ100H	Garage Jacks	9,000	9	160	400	N/A	560	1,550 x 495	135

LIFTECH RATCHET VEHICLE SUPPORT STANDS

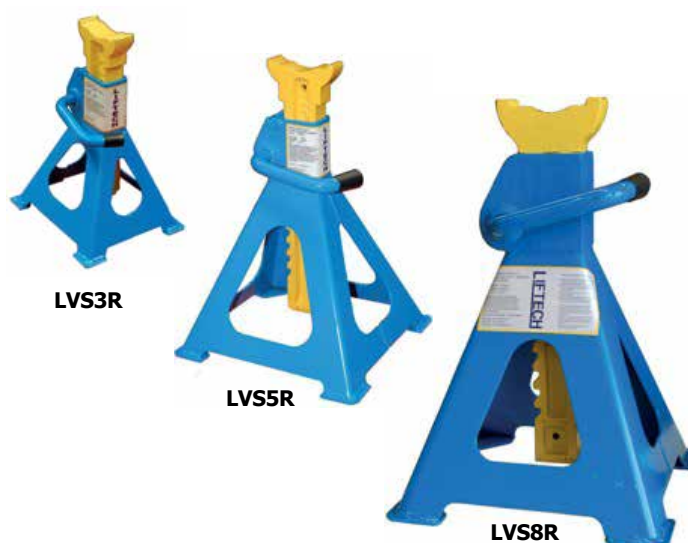
LIFTECH

OVERVIEW

Liftech Ratchet Vehicle Support Stands are designed to provide safe and stable vehicle support during servicing and maintenance operations. Constructed from welded steel for strength and durability, they are suitable for professional workshops and automotive applications. Also known as jack stands, vehicle stands or axle stands. Designed for use on concrete surfaces. Manufactured and tested to comply with Australian Standard AS/NZS 2538:2004 / AS 2538:2016.

FEATURES

- 3-8 Tonne support capacity
- Ratchet adjustment system for quick operation
- Welded steel construction
- Heavy-duty locating head cap
- Wide base with stabilising feet
- Compliant with Australian Standards



LVS3R

LVS5R

LVS8R

SPECIFICATIONS

Model No.	Working Load Limit (kg)	Closed Height (mm)	Max. Height (mm)	Base Size (mm)	Net Weight (kg/pr)
LVS3R	3,000	310	462	200 x 234	11
LVS5R	5,000	408	638	280 x 300	19
LVS8R	8,000	460	716	295 x 320	31

WD-SERIES TRUCKS AND BUSES WHEEL DOLLY

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

The WD Mobile model wheel dolly handling solution provides easy and safe mounting, demounting, and handling of heavy wheels for trucks and buses. It allows operators to handle large and heavy wheels with a capacity of up to 250 kg and is capable of accommodating wheel sizes up to 445/65-22.5". All of this is built into a compact yet rigid unit weighing only 14 kg.

Designed with operator safety in mind, the ergonomic handle ensures the wheel dolly can be easily controlled by a single mechanic.

KEY FEATURES

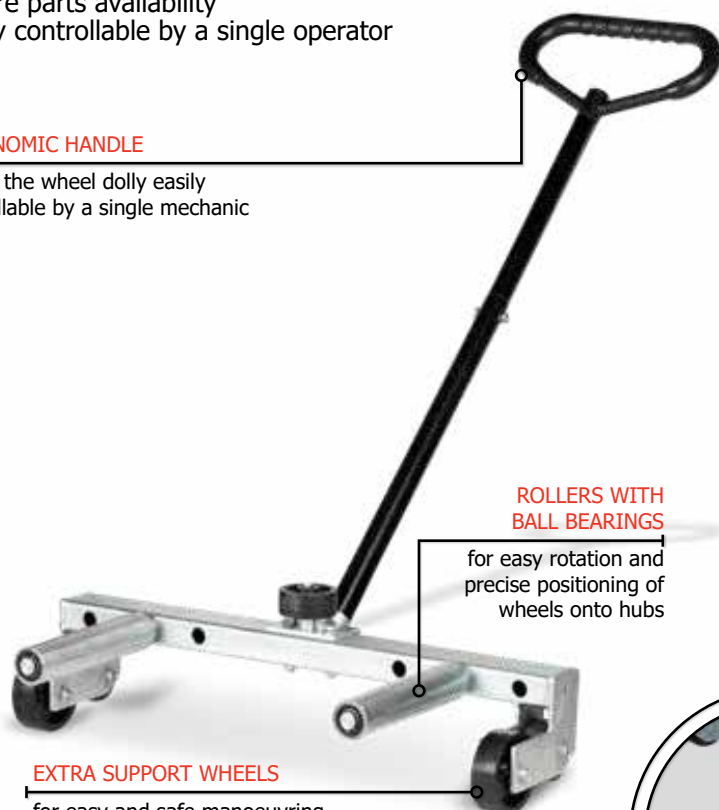
- Capacity up to 250 kg
- Lightweight design at only 14kg
- Handles wheel sizes up to 445/65-22.5"
- Safe and ergonomic operation
- Heavy-duty construction
- Spare parts availability
- Fully controllable by a single operator



handling wheels up to size 445/65 - 22,5"

ERGONOMIC HANDLE

makes the wheel dolly easily controllable by a single mechanic

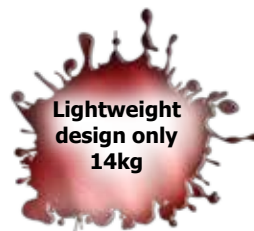


ROLLERS WITH BALL BEARINGS

for easy rotation and precise positioning of wheels onto hubs

EXTRA SUPPORT WHEELS

for easy and safe manoeuvring, even when fully loaded



SPECIFICATIONS

Model No.	Capacity (kg)	Handling wheels up to size	Weight (kg)
WD MOBILE	250	445/65-22.5"	14



SPRING LOADED SUPPORT
for fast and easy storing without load.



ROLLERS
have three positions each side for different wheels sizes

WD-SERIES TRUCKS AND BUSES WHEEL DOLLY



OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles, exemplifying the distinctive Compac "KNOW-HOW" difference.

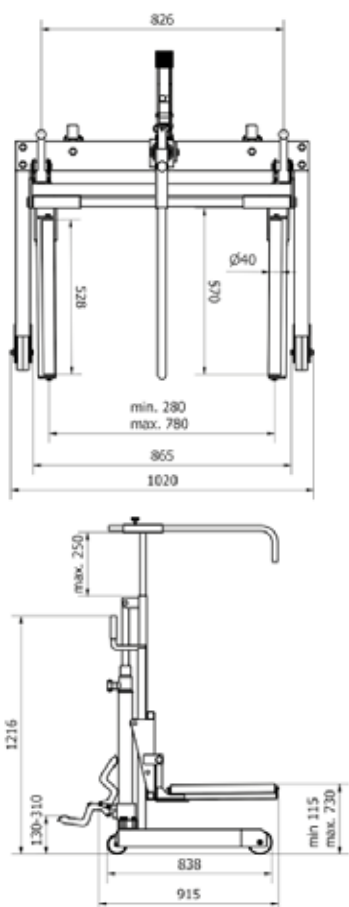
The WD 500 model wheel dolly handling solution provides easy and safe mounting, demounting, and handling of heavy wheels for trucks and buses. It allows operators to manage large and heavy wheels with a capacity of up to 500 kg and accommodates wheel sizes ranging from 260 mm to 1320 mm in diameter.

It features foot-operated lifting even under maximum load, making it ideal for lifting heavy twin wheels on trucks and buses. The unit also includes sliding lifting arms with rollers and ball bearings for smooth operation, with a maximum lifting height of 730 mm.

KEY FEATURES

- Capacity up to 500 kg
- Handles wheel sizes up to 1320mm Dia.
- Heavy-duty construction
- Maximum lifting height: 730 mm.
- Spare parts availability

DIMENSIONAL DRAWINGS



SPECIFICATIONS

Model No.	Capacity (kg)	Handling wheels up to Dia. (mm)	Weight (kg)
WD 500	500	260-1320	101



100% FOOT OPERATED
Even under maximum load



SLIDING ARMS
Enables handling of wheels with diameter from 260-132mm Dia.

WD-SERIES HYDRAULIC LARGE WHEEL DOLLY

OVERVIEW

Compac, headquartered in Denmark, has been manufacturing high-quality products since 1946. Proudly distributed by Specialised Force, Compac combines decades of expertise with a unique quality system inspired by Japanese manufacturing principles.

The WD 1600 model wheel dolly is a handling solution designed for large-diameter wheels up to 2400 mm, primarily for agricultural and earth-moving machinery applications. Designed with operator safety in mind, it features a double-acting hydraulic system for hands-free switching between lifting and lowering, ensuring safe and controlled operation.

KEY FEATURES

- Capacity up to 1,600 kg
- Wheel width capacity up to 1050 mm
- Handles wheels up to 2400 mm in diameter
- Safe and ergonomic operation
- Heavy-duty construction
- Spare parts availability

DOUBLE ACTING HYDRAULIC SYSTEM

hands-free switching between lifting and lowering, with safe and controlled operation

TOP-POINT WHEEL CONNECTION ROD

keeps the wheel in safe balance

ADJUSTABLE ROLLERS

four rollers on each side can be adjusted to suit the wheel width

SAFETY LOCK

WHEEL DIAMETER RANGE

suitable for wheels up to 2400 mm in diameter.

WHEEL WIDTH CAPACITY

handles large wheels up to 1050 mm in width

LARGE WHEELS

Ø150mm for easy manoeuvrability

SPECIFICATIONS

Model No.	Capacity (kg)	Handling wheels up to size	
		Width (mm)	Dia. (mm)
WD 1600	1,600	1050	2400

BS SERIES HYDRAULIC RIVET TOOL C/W PUMP (MADE IN JAPAN)

OVERVIEW

The Royal Master BS Series hydraulic rivet tool, complete with hydraulic pump, is an all-in-one solution specifically designed for brake shoe pad replacement. Engineered for smooth and effortless operation, it ensures precise and reliable riveting every time.

The **BS-2** model securely joins brake linings and brake shoes through steady, controlled hydraulic pressure, delivering consistent results. With a powerful 2-ton hydraulic capacity, the BS-2 is ideally suited for both 6 mm and 8 mm rivets, making it a versatile and dependable choice for professional brake service applications.

FEATURES

- Suitable for 6mm and 8mm rivets
- Ergonomic Design
- Made in Japan

LINING CHANGER SPECIFICATION

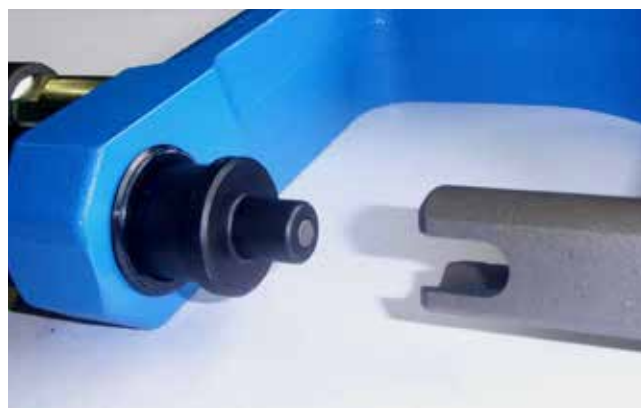
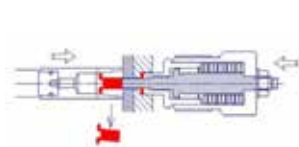
Model No.	BS-2
Capacity (Ton)	2 (20kN)
Stroke (mm)	30
Depth (mm)	115
Opening width (mm)	120
Weight (kg)	5.2

HYDRAULIC PUMP SPECIFICATION

Model No.	1/4-BS	SGS-2-BS
Motor (kW)	0.3	
Voltage (1 Ph.)	230	
Pressure (MPa)	25	
Flow Rate (Lpm)	0.3	
Reservoir (L)	0.75	2.5
Weight (kg)	9.7	13

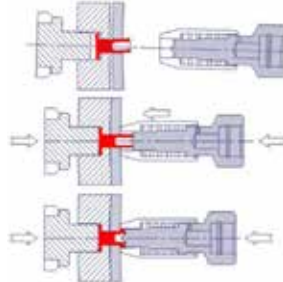
TO REMOVE RIVET

You can remove rivets in just 2 seconds. Simply insert the punching attachment into the brake-lining hole, pull the trigger, and it's done!



TO INSTALL RIVET

You can install rivets in just 3 seconds. Insert the rivets into the brake-lining holes—no need to tape the holes. Pull the trigger, and it's done!



UNI 42 RATCHET OPERATED BENDING MACHINE

OVERVIEW

The UNI 42 manual is a precise and powerful pipe and tube bending machine, able to bend large pipes and delicate tubes with optimum and consistent bending radii, ensuring deformation-free results.

FEATURES

- Aluminium body
- Tempered steel gears on ball bearings
- Maximum bending angle 180°
- Dimensions: length 400mm - width 200mm height 250 mm (without stand)
- Weight 18kg (without stand)
- Refer to your Specialised Force representative for suitable tooling and accessories



Driving lever return gear.



Manual UNI 42, standard version, with folding stand for a better work and an easy transport.

Tubular, folding tripod stand is supplied as standard with each bender.

ORDERING INFORMATION

STANDARD VERSION	Model No.
UNI 42 with folding stand.	9200005.1

SPECIFICATIONS

Bending capacity		
TYPE OF PIPE	WITHOUT MANDREL	
	Ø mm	mm
Hard and soft copper pipes, annealed brass pipes	42	1,5
Steel conduit for electrical installations	40	1,5
Stainless steel 304/316 tube	30	2
Hydraulic steel tubes ST. 35,4	42	3
Furniture tubes	42	3
FE boiler pipes	42	3
Aluminium tube	42	3
Gas pipes	1"1/4	Standard
Double coated aluminium pipe	50	Standard
Standard bending radii	3D and 4D	

UNI 42 ELECTRIC BENDING MACHINE

OVERVIEW

The UNI 42 electric is an accurate and powerful bending machine able to bend large diameters as well as thin and delicate tubes with optimum and constant bending radii, ensuring deformation-free results.

FEATURES

- Aluminium body
- Asynchronous motor, 230V/50Hz, 2800 RPM, 0.56 kW power
- Low tension electronic schedule (24V)
- Bending angle regulation
- Electrobrake
- Automatic return to stop
- Dimensions: length 520 mm, width 170mm, height 350mm (without stand)
- Weight 35kg.
- Refer to your Specialised Force representative for suitable tooling and accessories



UNI 42 electric, with positioning ring to obtain the desired bending angle.



cbc
ALTA TECNOLOGIA ITALIANA



UNI 42 A, version with moving plane of bend and universal base (optional)

ORDERING INFORMATION

STANDARD VERSION	Model No.
Electric UNI 42 A 230V-50Hz with quick guide positioning device without stand.	9200150.5

SPECIFICATIONS

Bending capacity		
TYPE OF PIPE	WITHOUT MANDREL	
	Ø mm	mm
Hard and soft copper pipes, annealed brass pipes	42	1,5
Steel conduit for electrical installations	40	1,5
304/316 stainless steel tube	30	2
Hydraulic steel tubes ST. 35,4	42	3
Furniture tubes	42	2
FE boiler pipes	42	3
Aluminium tube	42	3
Gas pipes	1"1/4	Standard
Double coated aluminium pipe	50	Standard
Standard bending radii	3D and 4D	

UNI 42 DIGITAL ELECTRIC BENDING MACHINE

OVERVIEW

The UNI 42 digital electric is an accurate and powerful bending machine, able to bend large diameters as well as thin and delicate tubes with optimum and constant bending radii, ensuring deformation-free results.

FEATURES

- Aluminium body
- Asynchronous motor, 230V/50Hz, 2800 RPM, 0.56 kW power
- Digital touchscreen control panel with multi-language microprocessor for programming the angle of bend. Capable of storing 9 bending programmes with 9 bends per program.
- Low tension electronic schedule (24V)
- Electrobrake
- Automatic return to stop
- Dimensions: length 520 mm, width 170mm, height 350mm (without stand)
- Weight 35kg.
- Refer to your Specialised Force representative for suitable tooling and accessories



UNI 42 A, version with moving plane of bend and universal base (optional)



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EQUIPMENT FOR AGRICULTURAL APPLICATIONS

ORDERING INFORMATION

STANDARD VERSION	Model No.
Electric digital UNI 42 A 230V-50Hz with quick guide positioning device without stand.	9200121.5

SPECIFICATIONS

Bending capacity		
TYPE OF PIPE	WITHOUT MANDREL	
	Ø mm	mm
Hard and soft copper pipes, annealed brass pipes	42	1,5
Steel conduit for electrical installations	40	1,5
304/316 stainless steel tube	30	2
Hydraulic steel tubes ST. 35,4	42	3
Furniture tubes	42	2
FE boiler pipes	42	3
Aluminium tube	42	3
Gas pipes	1"1/4	Standard
Double coated aluminium pipe	50	Standard
Standard bending radii	3D and 4D	

UNI 60 A ELECTRIC BENDING MACHINE

OVERVIEW

The UNI 60 A electric is an accurate and powerful bending machine, able to bend large diameters as well as thin and delicate tubes with optimum and constant bending radii, ensuring deformation-free results.

FEATURES

- Aluminium body
- Asynchronous motor, 230V/50Hz, 2800 RPM, 0.97 kW power
- Low tension electronic schedule (24V)
- Bending angle regulation
- Electrobrake
- Automatic return to stop
- Dimensions: length 520mm, width 210mm, height 410mm (without stand)
- Weight 60kg.
- Refer to your Specialised Force representative for suitable tooling and accessories



Electric UNI 60 A, version with moving plane of bend and universal base.



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ALTA TECNOLOGIA ITALIANA



Electric UNI 60 A with positioning ring to obtain the desired bending angle.

ORDERING INFORMATION

STANDARD VERSION	Model No.
Electric UNI 60 A 230V-50Hz with quick guide positioning device without stand.	9200350.5

SPECIFICATIONS

TYPE OF PIPE	Bending capacity	
	WITHOUT MANDREL	
	Ø mm	mm
Hard and soft copper pipes, annealed brass pipes	54	2
Steel conduit for electrical installations	50	1.5
304/316 stainless steel tube	35	3
Hydraulic steel tubes ST. 35,4	54	4
Furniture tubes	54	3
FE boiler pipes	54	3
Aluminium tube	54	3
Gas pipes	1"1/2	Standard
Double coated aluminium pipe	63	Standard
Standard bending radii	3D and 4D	

UNI 60 A DIGITAL ELECTRIC BENDING MACHINE

OVERVIEW

UNI 60 A digital electric is an accurate and powerful bending machine, capable of bending large diameters as well as thin and delicate tubes with optimum and constant bending radii, without pipe deformation.

FEATURES

- Aluminium body
- Asynchronous motor, 230V/50Hz, 2800 RPM, 0.97 kW power
- Digital touchscreen control panel with multi-language microprocessor for programming the angle of bend. Capable of storing 9 bending programmes with 9 bends per program.
- Low tension electronic schedule (24V)
- Bending angle regulation
- Electrobrake
- Automatic return to stop
- Dimensions: length 520mm, width 210mm, height 410mm (without stand)
- Weight 60kg.
- Refer to your Specialised Force representative for suitable tooling and accessories



UNI 60 digital, version complete with moving plane of bend and universal base. (optional)



cbc
ALTA TECNOLOGIA ITALIANA

EQUIPMENT FOR AGRICULTURAL APPLICATIONS

ORDERING INFORMATION

STANDARD VERSION	Model No.
Electric digital UNI 60 A 230V-50Hz with quick guide positioning device without stand.	9200345.5

SPECIFICATIONS

Bending capacity		
TYPE OF PIPE	WITHOUT MANDREL	
	Ø mm	mm
Hard and soft copper pipes, annealed brass pipes	54	2
Steel conduit for electrical installations	50	1.5
304/316 stainless steel tube	35	3
Hydraulic steel tubes ST. 35,4	54	4
Furniture tubes	54	3
FE boiler pipes	54	3
Aluminium tube	54	3
Gas pipes	1"1/2	Standard
Double coated aluminium pipe	63	Standard
Standard bending radii	3D and 4D	

HYDRAULIC TUBE FLARING MACHINES

HYDRAFLARE

OVERVIEW

The Hydraflare HF-Series Tube Flaring Machines are now available in two models, HF-1 and HF-4. These tube flaring machines are precision engineered to produce perfect 37° flares in steel tubing. They utilise high-quality Durapac hydraulics for maximum reliability and long, trouble-free service life.

- Model HF-1 is capable of flaring steel tube from 6mm – 25mm OD (1/4" – 1" OD)
- Model HF-4 is capable of flaring steel tube from 28mm – 42mm OD (1 1/4" – 1 1/2" OD)

The HF-4, when fitted with the HF3 Adaptor (Part Number: **HF3ADAPTOR**), accepts all HF-1 die sizes.

FEATURES

- Precision 37° flaring
- High quality hydraulics
- Reliable long-life operation
- Wide tube size range
- HF-1 die compatibility

SPECIFICATIONS

Model No.	HF-1	HF-4
Dimensions		
Metric	420 x 280 x 220mm	460 x 290 x 250mm
Imperial	14 1/2" x 11" x 8 1/2"	18" x 11 1/2" x 10"
Weight		
Metric	25.5 kg	32 kg
Imperial	56 lbs	70 lbs
Maximum Flaring Capacity		
Metric	25mm x 3mm wall	42mm
Imperial	1" x 0.128" wall	1 1/2"

ACCESSORIES

Metric Dies for HF-1		Imperial Dies for HF-1	
Part Number	Tube Size	Part Number	Tube Size
HF6DIE	6mm	HF1/4DIE	1/4"
HF8DIE	8mm	HF5/16DIE	5/16"
HF10DIE	10mm	HF3/8DIE	3/8"
HF12DIE	12mm	HF1/2DIE	1/2"
HF14DIE	14mm		
HF15DIE	15mm		
HF16DIE	16mm	HF5/8DIE	5/8"
HF18DIE	18mm		
HF20DIE	20mm	HF3/4DIE	3/4"
HF22DIE	22mm		
HF25DIE	25mm	HF1DIE	1"

Metric Dies for HF-4		Imperial Dies for HF-4	
Part Number	Tube Size	Part Number	Tube Size
HF28DIE	28mm		
HF30DIE	30mm		
HF32DIE	32mm	HF11/4DIE	1 1/4"
HF35DIE	35mm		
		HF11/2DIE	1 1/2"
HF42DIE	42mm		

Adaptor for HF-4	
Part Number	Description
HF3ADAPTOR	Adaptor for HF-4 to accept HF-1 dies. (supplied as standard with HF-4 machine)



HYDRAPAK PUMP



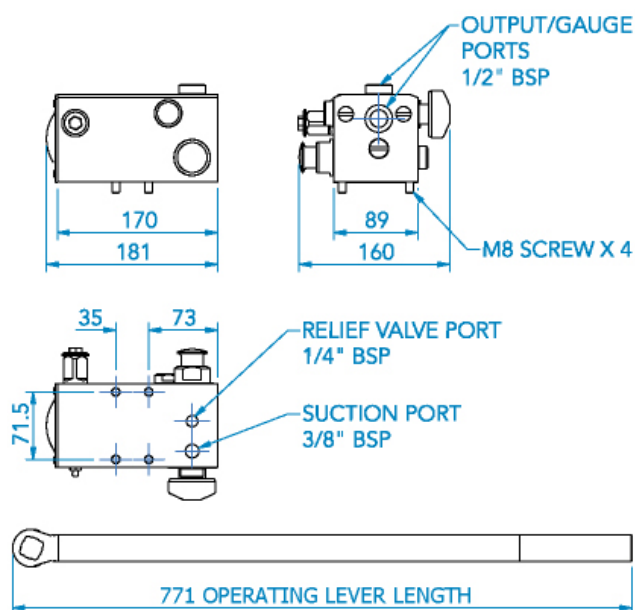
OVERVIEW

The Hydrapak pump is the ideal solution when no power source is available or when your primary power supply fails. Used worldwide, many Hydrapaks are kept as reliable backup systems, providing an alternative pumping method in critical situations. Compact and lightweight, the Hydrapak delivers working pressures from 110 bar to 1000 bar, with two-speed operation for rapid refill or no-load approach and push-button changeover to high pressure. Optional factory-fitted relief valves enhance safety, while interchangeable plungers allow selection of optimal pressure and flow characteristics. Choice of EP or Nitrile seals further ensures reliability under varying conditions. Designed for portability and durability, the Hydrapak is suitable for a wide range of hydraulic applications.

FEATURES

- Lightweight, only 4.5 kg
- Two-speed operation
- High-pressure output

DIMENSIONS



**HYDRAPAK
PH-Series**

PRESSURE / FLOW CHARACTERISTICS

Model No.	PHO6000		PHO5000		PHO4000		PHO3000		PHO2000		PHO1000		PHO0000	
units of measurements	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI
Max Pressure H.P. Stage	110	1600	172	2500	310	4500	448	6500	552	8000	700	10000	1000	14500
Max Pressure L.P. Stage	52	750	52	750	52	750	52	750	52	750	52	750	52	750
units of measurements	CC	CU INS	CC	CU INS	CC	CU INS	CC	CU INS	CC	CU INS	CC	CU INS	CC	CU INS
Displacement per Stroke H.P. Stage	22.61	1.38	14.47	0.883	8.13	0.496	5.65	0.345	4.57	0.279	3.62	0.221	2.5	0.153
Displacement per Stroke L.P. Stage	50.8	3.1	50.8	3.1	50.8	3.1	50.8	3.1	50.8	3.1	50.8	3.1	50.8	3.1

EQUIPMENT FOR AGRICULTURAL APPLICATIONS

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BTP-SERIES BATTERY HYDRAULIC PUMP (MADE IN JAPAN)

RIKEN

OVERVIEW

The Riken BTP-22B is a high-quality, lightweight hydraulic pump manufactured in Japan. It is a two-speed unit designed for easy operation and serves as an effective alternative to manual pumps. It is also compatible with Makita batteries, making it convenient and portable for a wide range of applications. This pump is capable of operating a broad selection of single-acting cylinders and other equipment requiring a working pressure of up to 700 bar. The pump should not be exposed to rain or moisture. An air valve is fitted to allow air to move in and out of the oil tank, ensuring smooth and consistent oil flow during operation.

FEATURES

- Ergonomic Design
- Made in Japan
- Compatible with Makita 18V Batteries

OPTIONAL ACCESSORIES

Model No.	Description
N/A	The range of optional fittings, pressure gauges, high-pressure hydraulic couplings and other accessories is available upon request. Please contact Specialised Force representative for more information.
BL1850B	Makita 18v 5.0Ah Battery
DC18RC	Makita 230V Battery Charger
DM18M	Makita to Milwaukee Battery Adaptor



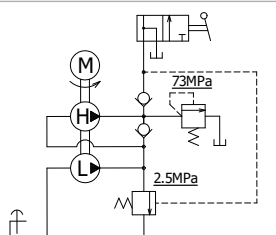
DC18RC

BL1850B

SPECIFICATIONS

Model No.	BTP-22B
Pump Type	Battery-powered
Motor	12V DC
Used with Cylinder	Single-acting
Operation	Two-speed
Valve Type	Manual directional control
Pressure Rating (bar)	700
Flow Rate (L/min) @ 20 bar	0.8
Flow Rate (L/min) @ 700 bar	0.06
Max. Oil Volume (approx.) (L)	1.7
Usable Oil Volume (approx.) (L)	1.3
Oil Port Thread	3/8" BSPT
Approx. Weight (Excl. Battery) (kg)	6.8
Operating Temperature	0 °C to +40 °C

Hydraulic Circuit Diagram



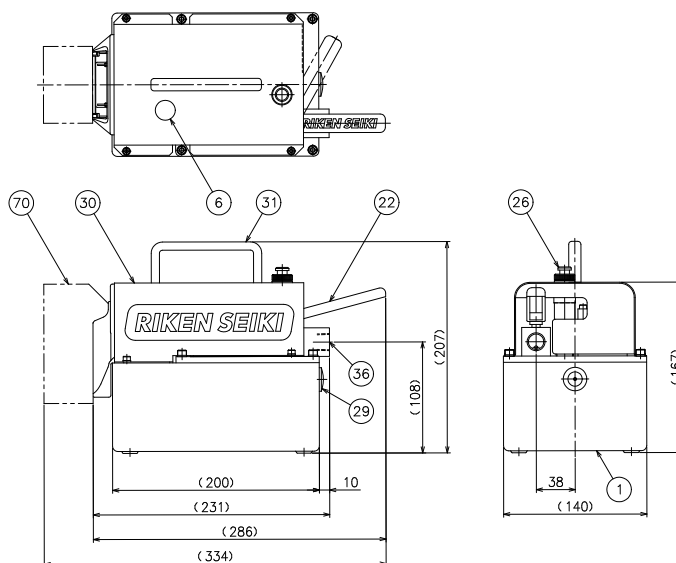
Oil Type	Standard hydraulic oil ISO VG32
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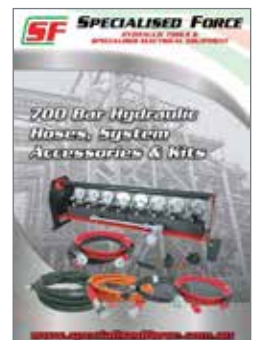
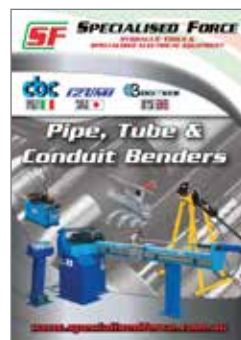
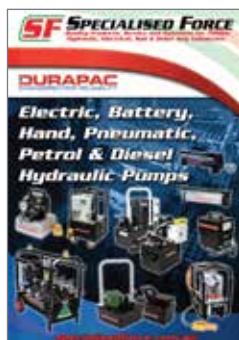
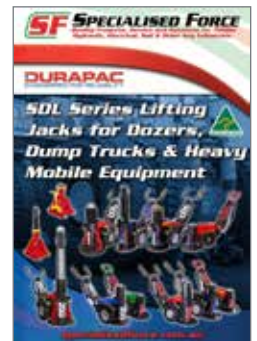
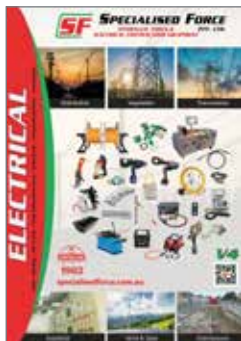
BTP-22B

ADDITIONAL INFORMATION

Item No.	Description
70	Battery Pack
36	Discharge Port
31	Handle
30	Cover
29	Oil Level Gauge
26	Air Valve & Oil Fill Port
22	Control Handle
6	Push Button Switch
1	Oil Tank



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