



Handheld hydraulic tools

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Hydraulic tools pack lots of power in a small machine: perfect if you find yourself working in cramped spaces or overhead. You'll also find our hydraulic tools tackling emergency interventions in high dense traffic areas and airports .

Clever design, with few moving parts that are continuously lubricated, means minimal wear and little maintenance. Their closed-loop design keeps out dirt and moisture, so no job is too rough for these tools.

Pair your hydraulic breaker up with a compact power pack, available in fuel and electric versions and you are ready to take on any job.

- Flexible and compact system
- Excellent power-to-weight ratio
- Suitable for indoor use, in any condition and even under water
- Continuous lubrication for minimal wear
- Few parts and completely closed-loop



Powerpack and Tools Selection Guide

Powerpack		LP 9-20P	LP 13-30P	GP 18-30	GP 18 multiframe	LP 9-20E
Engine		9 HP	13 HP	18 HP	18 HP	9 HP
EHTMA Class		C	C/D	C/D	B/C/D/E	C
Breaker	LH11	x	x	x	x	x
	LH190E	x	x	x	x	x
	LH230E	x	x	x	x	x
	LH280E	x	x	x	x	x
	LH400E	-	x	x	x	-
Core Drills	LCD500/LCD1500	x	x	x	x	x
Cut-off Saw	LS14	x	x	x	x	x
	LS16	x	x	x	x	x
Post Drivers	LPD-LD-T	x	x	x	x	x
	LPD-T/RV	x	x	x	x	x
	LPD-HD-T/RV	-	x	x	x	-
Post Puller	LPP 10 HD	x	x	x	x	x

Hydraulic hammer

Application:

- Breaking light concrete and brickwork

Features:

- Low noise levels
- Slim design
- High power to weight ratio
- No exhaust or emission
- No additional lubrication needed
- No freezing



Hammer and breakers		LH 11
Weight	kg	15,5
Length	mm	650
Oil flow	l/min	20
Working pressure	bar	80-100
Max back pressure	bar	10
Impact rate	blows/min	2300
Vibration level 3 axes (ISO 28927-10)	m/s ²	16,5
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	105
Sound pressure level (ISO 11203)	Lp, r=1m	93
EHTMA class		C
Part number with shank H 22x82,5 mm		1801 1741 18



Hydraulic breakers

Application:

- Medium and hard materials like asphalt and concrete

Features:

- Vibration reduced
- Vibro-damping chisel bushing
- Low noise levels
- Slim design
- High power to weight ratio



Breakers		LH 190 E	LH 230 E	LH 280 E	LH 400 E
Weight	kg	25	28	32,5	39
Length	mm	650	735	765	765
Oil flow	l/min	20	20-30	20-30	30-40
Working pressure	bar	95-110	105-125	110-125	110-125
Max back pressure	bar	10	15	15	15
Impact rate	blows/min	1400	1500-2100	1350-1750	1150-1600
Impact energy	joules	45	62	70	88
Vibration level 3 axes (ISO 28927-10)	m/s ²	5	4,6	4,6	5,4
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	106	107	107	106
Sound pressure level (ISO 11203)	Lp, r=1m	93	94	95	93
EHTMA class		C	C/D	C/D	D/E
Part number with shank H 25x108 mm		1801 3443 41	1801 3543 51	-	-
Part number with shank H 28x152 mm		1801 3443 42	1801 3543 52	1801 3643 60	1801 3743 68
Part number with shank H 28x160 mm		1801 3443 43	1801 3543 53	1801 3643 61	1801 3743 69
Part number with shank H 32x152 mm		1801 3443 44	1801 3543 54	1801 3643 62	1801 3743 70
Part number with shank H 32x160 mm		1801 3443 45	1801 3543 17 1801 3543 78 ¹⁾	1801 3643 63	1801 3743 71

¹⁾Article number 1801354378 is standard restrained to 20l/min (instead of article 1801354317 at 30l/min). Both part numbers are suitable to be used at 20 and 30 l/min after adjustments.

Hydraulic core drills

Application:

- Safe handheld drilling in reinforced concrete and asphalt up to 200 mm diameter in confined spaces, for ventilation, heating, gas piping and other installations
- Works efficiently also in underwater applications

Features:

- High power to weight ratio
- Low vibrations
- Low kick-back
- Hydraulic torque control
- Fits in standard drill stands
- Closed hydraulic circuit
- Comes in carrying steel case as standard

Core drills		LCD 500	LCD 1500
Weight including hoses	kg	9,5	9
Oil flow rate	l/min	20-30	20-30
Length without drill	mm	414	406
Working pressure	bar	60-120	60-120
Revolutions	rpm	600-900	1500-2250
Drill diameter	mm	50-202	12-75
Thread female (drive) ¹⁾		½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-5)	m/s ²	3,1	2,7
Sound pressure level (ISO 11203)	Lp, r=1m	<70	<70
EHTMA class		C/D	C/D
Part number		1806 1014 38	1806 1014 39

¹⁾ 1/2" BSP male x 1 1/4 UNC male drive adaptor included for use of larger diameter core bits.



Hydraulic cut-off saws

Application:

- Cutting depth of 133-160 mm
- Works in dust, slurry and underwater
- Used for cutting:
 - Concrete, reinforced concrete
 - Asphalt
 - Steel
- Used with:
 - Dry and wet diamond discs
 - Abrasive steel cutting discs

Features:

- Simple design with direct drive motor
- Open visible cutting face
- Excellent power-to-weight ratio
- Compact and slim design

Cut-off saws		LS 14	LS 16
Weight including hoses	kg	12	13
Oil flow	l/min	20-30	20-40
Maximum pressure	bar	172	172
Revolutions	rpm	2500-4000	2000-4000
Speed	m/s	46-75	42-85
Disc size	mm	355	405
Arbor size	mm	25,4	25,4
Cutting depth	mm	133	160
Vibration level 3 axes (ISO 28927-8) 20 lpm	m/s ²	4,9	4,9
Sound power level guaranteed (2000/14/EC)	Lw, dB(A)	108	116
Sound pressure level (ISO 11203)	Lp, r=1m	94	102
EHTMA class		C/D	C/D/E
Part number		1809 0140 01	1809 0160 00

Also available: LSC cart for cut-off saw, part number 1809001001



Ground rod driver

Application:

- Specifically designed for driving ground rods used in electrical grounding installations.
- Suitable for driving, metal stakes and fence posts, especially with the LGRD-T variant.
- Can be used to drive tent stakes or similar objects into the ground, especially in rugged or hard soil conditions.
- LGRD-RV used for driving ground rods of various length.

Features:

- High power to weight ratio and low vibration improving user comfort and productivity.
- Remote double-acting operating valve allows operation on either open center or closed center hydraulic system.
- Provides optimized driving power while minimizing damage to copper-coated rods.



Rod driver	Unit	Ground Rod Driver, 1"	Ground Rod Driver, 5/8"	LGRD-RV 25 Ground Rod Driver	LGRD-RV 16 Ground Rod Driver
Weight including hoses	kg	24	24	24	24
Post/rod diameter	mm	25	16	25	16
Vibration level 3 axes (ISO 28927-10)	m/s ²	17,4	17,4	17,4	17,4
Max. sound power level (Lw @ 2000/14/EC)	dBA	110	110	110	110
Max. sound pressure level (Lp) (ISO 11203)	dBA	99	99	99	99
Handle Trigger		Remote Valve	Remote Valve	Remote Valve	Remote Valve
Hydraulic system		Open or closed centre	Open or closed centre	Open or closed centre	Open or closed centre
Impact Rate	bpm	1740	1740	1740	1740
Blows Frequency	Hz	29	29	29	29
Oil Flow	l/min	30	30	30	30
Max working pressure	bar	105	105	105	105
Application		Light duty	Light duty	Light duty	Light duty
EHTMA class		C/D	C/D	C/D	C/D
Part Number		1801 3942 98	1801 3942 99	1801 3940 00	1801 3940 01

Hydraulic post driver

Application:

- Specifically designed for driving ground rods used in electrical grounding installations.
- Suitable for driving, metal stakes and fence posts, especially with the LGRD-T variant.
- Can be used to drive tent stakes or similar objects into the ground, especially in rugged or hard soil conditions.
- LGRD-RV used for driving ground rods of various length.

Features:

- High power to weight ratio and low vibration improving user comfort and productivity.
- Remote double-acting operating valve allows operation on either open center or closed center hydraulic system.
- Provides optimized driving power while minimizing damage to copper-coated rods.



Post drivers		LPD-LD-T	LPD-T	LPD-RV	LPD-HD-T	LPD-HD-RV
Activation type		By trigger lever	By trigger lever	By remote valve	By trigger lever	By remote valve
Hydraulic system		Open centre	Open centre	Open- or closed-centre	Open centre	Open- or closed-centre
Weight including hoses	kg	17,5	32	33	39	40
Driving capacity ¹⁾	mm	10-60	40-100	40-100	70-150	70-150
Working pressure	bar	80-100	105-140	105-140	105-125	105-125
Oil flow	l/min	20	20-30	20-30	28-40	28-40
Impact rate	blows/min	2300 (20l/min)	1680 (30l/min)	1680 (30l/min)	1320 (30l/min)	1320 (30l/min)
Hydraulic ports	m/s ²	½" BSP	½" BSP	½" BSP	½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-10) 20 lpm	Lw, dB(A)	17,5	12,8	-	-	-
Sound power level guaranteed (2000/14/EC)	Lp, r=1m	116	115	115	118	118
Sound pressure level (ISO 11203)		102	102	102	105	105
EHMA class		C	C/D	C/D	D/E	D/E
Part number		1801 3940 06	1801 4040 02	1801 4050 02	1801 4140 00	1801 4150 00

¹⁾Depending on ground condition

Note: As per the model and rod size we need different adapters.