

Atlas Copco handheld hydraulic equipment
Powerful, lightweight and portable



Sustainable Productivity

Atlas Copco



Seeing is believing

Hydraulic tools should come with a warning: once you've tried them, you're going to want them. Why? Because hydraulic tools are very efficient. They don't look that big and they are not that loud, but once you open the throttle and feel that power, you will be convinced.

Power to-go

This incredible power is very portable. You don't need electricity, and a hydraulic power pack is so light and compact that you can get it in the back of a van. In other words, Atlas Copco handheld hydraulic tools help you get more done, in less time.

Costs less to purchase

Hydraulic systems are incredibly efficient. Take one example: a 9 hp hydraulic power pack delivers about the same power at the tip of a tool as a 20 hp diesel engine in a compressor. In fact, for the price of one compressor and breaker, you can buy two complete hydraulic power pack/breaker packages.

Cutting day-to-day costs

For the user, hydraulics reduce both fuel consumption and transportation costs. That's because hydraulics are so efficient and thus compact.

- Do you want portable tools that fit in the back of your van?
- Do you need efficient and powerful tools for quick service jobs?
- Do you want reliable tools that are practically maintenance free?

If you answer yes to any of these questions, call your local rep for a demo. When it comes to hydraulics, seeing really is believing.



Built-in reliability

There's not much that can go wrong with hydraulic tools. With just one or two moving parts, there's minimal wear and very few parts to replace. Hydraulics are by nature reliable: working in a closed loop, dirt and moisture are kept out. And due to the no-spill, flat-face couplings, it's easy to keep the system clean. Hoses are fitted with high quality couplings. They comply with EHTMA (European Hydraulic Tool Manufacturers' Association) standards and give easy, fast and safe connections even in applications in which there are high concentrations of dust and dirt such as heavy industry and mining.

Easy to own

Construction and rental companies around the world are discovering the advantages of owning and using these reliable tools. They know that hydraulic equipment offers the best power-to-weight ratio of any system. They know they are easy to use. And they have learned that these tools require very little service.

Operator comfort

Operators like to work with Atlas Copco hydraulic tools. They offer lower vibrations than many other tools available on the market. Due to the fact that hydraulic tools don't eject any exhaust air, noise levels are kept down, helping to provide a better working environment.



Choose the power source that suits you best

Many times, you won't even need a power pack at all. That's because hydraulic tools can be connected to a range of different power sources such as excavators, trucks, skid-steers and tractors. So, hydraulics are great for those quick one-day jobs: fencing, opening up paving for cables or piping. With hydraulics, you get this incredible power wherever you want it, whenever you want it.



With the help of an oil flow divider and extension hose hydraulic tools can be run from an excavator.

Hydraulics hits harder

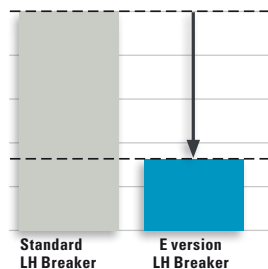
The first time you use a hydraulic breaker, you're in for a surprise. Here's this compact quiet tool... and it hits harder than any other type of breaker. That's because hydraulics are more efficient than electric, pneumatic or petrol-driven breakers.

Atlas Copco hydraulic breakers are available in three versions: Standard-, E- and HBP version.

E version with vibration reduction

The vibro-reduced breakers – the E version – are as powerful as the standard models, but with lower levels of vibration.

VIBRATION LEVEL COMPARISON



Atlas Copco has been at the forefront in developing vibration-dampening technology for decades. The range of E version breakers reduce the vibrations transmitted to operators' hands and arms with about 70 % compared to standard version breakers. Better vibro-reduction means less fatigue for the operator, which in turn means better productivity.

HBP - usable on skidsteers

The HBP version is specially made to accept higher back pressure in the return line. With this feature, the HBP breakers can be operated from almost any hydraulic outlet – even on skid steers with high return pressure systems. They are also the preferred choice when extreme long hoses are needed.

Designed to boost productivity

The slim design gives operators a clear line of sight to the point of the working tool in order to keep productivity high. And productivity is given an extra boost thanks to the well-balanced design and also because of the elimination of external side bolts and machine parts that could come into contact with the operator's body.





SELECTION GUIDE

Different sizes, different versions

LH 11 – Powerful horizontal pick hammer

This D-handle hammer is ideal for horizontal work in brick, mortar and light concrete. It is one of the most powerful pick hammers on the market. With its detachable front handle (optional), the LH 11 is a popular choice for renovation, demolition and structural alteration jobs.

LH 180/190 E – Lightweight, multi-purpose breakers

These highly productive tools are used to break brickwork, frozen soil, asphalt, concrete, as well as for tamping and compaction. The breakers are popular with contractors and rentals for indoor and outdoor renovation and demolition jobs, and are the preferred choice for major railroad companies in tie tamping applications.

LH 220/230 E – Medium weight, multipurpose breakers

The LH220/230 E are among the best general purpose breakers available in the 23-28 kg range. They are commonly used with 5" asphalt chisels for road building and maintenance applications, but also work well in brickwork, frozen soil and concrete.

LH 270/280 E – Heavy-duty, multi-purpose breakers

These powerful, high productivity breakers provide heavy-duty breaking in frozen soil, asphalt and reinforced concrete and are considered to be among the best in their class.

LH 390/400 E – Super heavy-duty breakers

The LH 390 and LH 400 E are probably the most powerful handheld breakers in the world. They are used for the most demanding jobs in heavy asphalt, reinforced concrete and foundations.

Hammer		LH 11
Weight incl hoses	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) (Hex 22x82,5) ¹⁾	m/s ²	16,5
Sound power level guaranteed (2000/14/EC) ³⁾ Lw	dB(A)	105
Sound pressure level (ISO 11203) ³⁾ Lp, r=1m	dB(A)	93
EHTMA class		C
Shank size	mm	Hex 22x82,5
Part number		1801 1741 18

Standard breakers (incl HBP version)

		LH 180	LH 220	LH 220 HBP	LH 270	LH 270 HBP	LH 390	LH 390 HBP
Weight incl hoses ¹⁾	kg	19,5	22,5	22,5	26,5	26,5	33	33
Length ¹⁾	mm	650	690	690	765	765	765	765
Oil flow	l/min	20	20-30	20-30	20-30	20-30	30-40	30
Working pressure	bar	95-110	105-125	115-130	110-125	115-130	110-125	115-130
Max back pressure	bar	10	15	35	15	35	15	20
Impact rate	blows/min	1400	1500-2100	1500-2100	1350-1750	1350-1750	1150-1600	1150-1600
Vibration level 3 axes (ISO 28927-10) ²⁾³⁾	m/s ²	15,1	17,3	17,4	18,2	18,1	20,1	20,1
Sound power level guaranteed (2000/14/EC) ³⁾ Lw	dB(A)	107	107	107	110	110	106	106
Sound pressure level (ISO 11203) ³⁾ Lp, r=1m	dB(A)	93	94	94	95	95	93	93
EHTMA class		C	C/D	C/D	C/D	C/D	D/E	D
Part number								
Hex 25x108		1801 3443 36	1801 3543 46	1801 3546 87	-	-	-	-
Hex 28x152		1801 3443 37	1801 3543 47	1801 3546 88	1801 3643 56	1801 3646 97	1801 3743 64	1801 3647 05
Hex 28x160		1801 3443 38	1801 3543 48	1801 3546 89	1801 3643 57	1801 3646 98	1801 3743 65	1801 3647 06
Hex 32x152		1801 3443 39	1801 3543 49	1801 3546 90	1801 3643 58	1801 3646 99	1801 3743 66	1801 3647 07
Hex 32x160		1801 3443 40	1801 3543 50	1801 3546 91	1801 3643 59	1801 3647 00	1801 3743 67	1801 3647 08

¹⁾ LH 180 and LH 220 measured with Hex 25, LH 270 and LH 390 measured with Hex 32

²⁾ LH 180 and LH 220 measured at 20 l/min, LH 270 and LH 390 measured at 30 l/min.

³⁾ Important: Full details of measurement are available in the Safety and Operating Instruction of the product (part no 3392 5206 01). It can be found on www.acprintshop.com

Vibro-reduced breakers (incl HBP version)

		LH 190 E	LH 230 E	LH 230 E HBP	LH 280 E	LH 280 E HBP	LH 400 E	LH 400 E HBP
Weight incl hoses ¹⁾	kg	25	28	28	32,5	32,5	39	39
Length ¹⁾	mm	650	690	690	765	765	765	765
Oil flow	l/min	20	20-30	20-30	20-30	20-30	30-40	30
Working pressure	bar	95-110	105-125	115-130	110-125	115-130	110-125	115-130
Max back pressure	bar	10	15	35	15	35	15	20
Impact rate	blows/min	1400	1500-2100	1500-2100	1350-1750	1350-1750	1150-1600	1150-1600
Vibration level 3 axes (ISO 28927-10) ²⁾³⁾	m/s ²	5,0	4,8	4,9	6,0	5,8	5,4	6,4
Sound power level guaranteed (2000/14/EC) ³⁾ Lw	dB(A)	107	107	107	110	110	106	106
Sound pressure level (ISO 11203) ³⁾ Lp, r=1m	dB(A)	93	94	94	95	95	93	93
EHTMA class		C	C/D	C/D	C/D	C/D	D/E	D
Part number								
Hex 25x108		1801 3443 41	1801 3543 51	1801 3546 92	-	-	-	-
Hex 28x152		1801 3443 42	1801 3543 52	1801 3546 93	1801 3643 60	1801 3647 01	1801 3743 68	1801 3647 09
Hex 28x160		1801 3443 43	1801 3543 53	1801 3546 94	1801 3643 61	1801 3647 02	1801 3743 69	1801 3647 10
Hex 32x152		1801 3443 44	1801 3543 54	1801 3546 95	1801 3643 62	1801 3647 03	1801 3743 70	1801 3647 11
Hex 32x160		1801 3443 45	1801 3543 17	1801 3546 96	1801 3643 63	1801 3647 04	1801 3743 71	1801 3647 12

¹⁾ LH 190 E and LH 230 E measured with Hex 25, LH 280 E and LH 400 E measured with Hex 32

²⁾ LH 190 E and LH 230 E measured at 20 l/min, LH 280 E and LH 400 E measured at 30 l/min.

³⁾ Important: Full details of measurement are available in the Safety and Operating Instruction of the product (part no 3392 5206 01). It can be found on www.acprintshop.com

A tool for every job

Atlas Copco working tools are manufactured from a steel that is purpose designed and specified for breaker applications. A controlled heat treatment process imparts both strength and high wear resistance to deep surface layers while maintaining a tough shock-resistant central core to resist breakage.

The striking face is end-milled, which results in better contact between the piston and the tool, improved transfer of energy, as well as less vibration and wear on both breaker and working tool. At Atlas Copco we maintain a comprehensive range of working tools to ensure that you always have the right tool for the job.



	22 x 82.5 mm			25 x 108 mm			28 x 160 mm			32 x 160 mm		
	W (mm)	L (mm)	Part no.	W (mm)	L (mm)	Part no.	W (mm)	L (mm)	Part no.	W (mm)	L (mm)	Part no.
Moil point		380	3083 3242 00		380	3083 3253 00		380	3083 3271 00		380	3083 3205 00
		1000	3083 3243 00					450	3083 3272 00		450	3083 3206 00
								1000	3083 3273 00		1000	3083 3207 00
Narrow chisel	25	380	3083 3244 00	28	380	3083 3254 00	32	380	3083 3274 00	35	380	3083 3208 00
	25	1000	3083 3245 00				32	450	3083 3275 00	35	450	3083 3209 00
							32	1000	3083 3276 00	35	1000	3083 3210 00
Wide chisel	75	380	3083 3246 00	75	380	3083 3255 00	75	380	3083 3277 00	75	380	3083 3211 00
Wedge chisel	35	380	3083 3250 00	35	380	3083 3258 00	40	400	3083 3282 00	40	400	3083 3216 00
Digging chisel	75	450	3083 3247 00	75	380	3083 3256 00	75	380	3083 3279 00	75	380	3083 3213 00
Digging spade	120	400	3083 3248 00	120	380	3083 3257 00	125	380	3083 3280 00	125	380	3083 3214 00
Asphalt cutter	125	380	3083 3069 00				115	300	3083 3278 00	115	300	3083 3212 00
Clay spade	125	430	3083 3249 00	125	430	3083 3033 00	140	380	3083 3281 00	140	380	3083 3215 00
Shaft for pad		310	3083 3251 00		280	3083 3259 00		230	3083 3283 01		235	3083 3218 01
Tamping pad, round	175		3083 3252 10	175		3083 3252 10	180		3083 3301 00	180		3083 3301 00
Tamping pad, square	175		3083 3239 00	175		3083 3239 00	150		3083 3302 00	150		3083 3302 00
Tamping pad, square							200		3083 3197 00	200		3083 3197 00
Driver pad, round	100		9245 2817 90	100		9245 2817 90						
Tie tamper							100	565	3083 3319 00	100	565	3083 3217 00

ROCK-DRILL

This lightweight tool is designed for drilling blast, anchor and rock splitting holes. Used for example by contractors, armies and utilities who want convenient and efficient drilling without a large compressor. With standard integral steel, it drills diameters of up to 50 mm and depths down to approx. 6 meters by using hydraulic power for impact and rotation. A small additional compressor is needed for flushing.



Rock drill

LHD 23 M

Weight (incl hoses)	kg	26
Service weight	kg	28,5
Oil flow	l/min	20-25
Working pressure	bar	100-140
Max back pressure	bar	15
Impact rate (at 25 l/min)	blows/min	2600
Revolutions	rpm	320-400
Torque	Nm	30
Vibration level 3 axes (ISO 28927-10) ¹⁾	m/s ²	11,7
Sound power level guaranteed (2000/14/EC), Lw ¹⁾	dB(A)	118
Sound pressure level (ISO 11203) ¹⁾ Lp, r=1m	dB(A)	104
EHTMA class		C
Shank size	Hex mm	22x108
Part number, CW version (clockwise rotation)		1801 3800 01
Part number, CCW version (counter clockwise rotation)		1801 3800 02

¹⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product (part no 3392 5013 01). It can be found on www.acprintshop.com

SUBMERSIBLE PUMPS

Atlas Copco submersible hydraulic pumps are light, compact and extremely efficient. They are used in a wide range of applications including continuous pumping of clean or contaminated water on building sites, in flooded excavations and cellars. The pumps are driven by a build-in hydraulic motor featuring a special drive shaft, seal and bearings. They are cooled and lubricated by the hydraulic oil and can therefore be left to run dry without damage. The pumps offer impressive performance considering their size and weight, providing heads of 25 and 32 meters and output of 840 and 1,920 l/min.

The 2-inch submersible water pump handles small stones and debris of up to 10 mm and is an ideal all-round pump for municipalities, water and waste utilities and rescue services. It is also widely used in general construction and road services / maintenance work.

The 3-inch submersible trash pump can be used in similar applications, but can also handle mud and slurries containing stones and particles of up to 60 mm in diameter. Both pumps come with a 10-meter discharge hose fitted with quick-release couplings for easy handling.



Pumps

LWP 2

LTP 3

Weight (rounded)	kg	11	13
Width	mm	225	300
Oil flow	l/min	18-24	26-38
Working pressure	bar	100	140
Max pressure	bar	172	172
Pump head max	m	25	32
Pump flow max	l/min	840	1920
Discharge	in	2"	3"
Solids handling up to	mm	10	60
EHTMA class		C	D
Part number ¹⁾		1806 1014 34	1806 1014 35

¹⁾ 10 m hose included

Extra hose

2 inch

3 inch

Length	m	10.0	10.0
Connection	mm	50.8	76.2
Weight	kg	3.4	3.8
Comments		Snap-lock quick-release coupling, female	Snap-lock quick-release coupling, female
Part number		3378 0021 00	3378 0021 01

CUT-OFF SAWS

These powerful, light and compact saws make a quick job of cutting concrete, asphalt and steel. Their simple hydraulic design with direct drive provides high productivity, while reducing maintenance, especially in comparison with belt-driven saws. The compact, slim design and open cutting face give you a good overview of the work. With the help of a lightweight cart you can use the saws for floor, road and other light surface jobs.



Cart

LSC cart

Comments		incl. water kit
Weight	kg	25
Part number		1809 0010 01

Water kit, see page 16.

Cut-off saws

LS 14

LS 16

		LS 14	LS 16
Weight (incl hoses)	kg	12	13
Service weight (incl disc)	kg	13,5	15
Oil flow	l/min	20-30	20-40
Max 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 ¹⁾	m/s ²	4,9	4,9
Sound power level guaranteed (2000/14/EC), Lw ¹⁾	dB(A)	99	115
Sound pressure level (ISO 11203) ¹⁾ Lp, r=1m	dB(A)	86	102
EHTMA class		C/D	C/D/E
Part number		1809 0140 01	1809 0160 00

¹⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product (part no 3392 5042 01). It can be found on www.acprintshop.com

Diamond discs

		Concrete diamond disc	Concrete diamond disc	Asphalt diamond disc	Asphalt diamond disc
Blade size	mm	355	405	355	405
Arbor hole diameter	mm	25.4	25.4	25.4	25.4
Weight	kg	1.6	2.3	1.6	2.6
Comments		Cutting concrete and concrete reinforcement	Cutting concrete and concrete reinforcement	Cutting asphalt	Cutting asphalt
Part number		3378 0050 57	3371 8097 27	3378 0050 58	3371 8097 26



CORE-DRILLS

These powerful core drills are ideal for all hand-drilling jobs and where there's no room for drill stands. Due to the hydraulic control of the drill torque, these core drills give very low kickback should drill bits jam. This helps operators maintain control, even when working on holes of 200 mm in diameter and above. They are used by professionals in a wide range of applications including building renovation and utility works. They are relied on to install drainage, sewer and water pipes, plus cable and ventilation ducts where large and deep holes are needed. The core drills offer spark-free operation – since there are no electrical components – and so can be used inside buildings and even underwater. With a standard round, 60 mm front-end, you can use Atlas Copco core drills with the majority of commonly available drill stands. The drills come with a steel carrying case which simplifies handling, transport and storage.



Core drills

		LCD 500	LCD 1500
Weight (incl hoses)	kg	9,5	9
Service weight (incl hoses and Ø 112 mm tool)	kg	13	13
Length (without drill)	mm	414	406
Oil flow	l/min	20-30	20-30
Working pressure	bar	120-172	120-172
Revolutions	rpm	600-900	1500-2250
Drill diameter	mm	50-202	12-75
Hydraulic ports ¹⁾		½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-5), 20 lpm ²⁾	m/s ²	3,1	2,7
Sound pressure level (ISO 11203) ²⁾ Lp, r=1m	dB(A)	<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.

²⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product (part no 3392 5189 01). It can be found on www.acprintshop.com

Water kit, see page 16.

DIAMOND CORE BITS (THREAD SIZE 1 1/4 UNC)

		Ø 62	Ø 82	Ø 102	Ø 112	Ø 132	Ø 152	Ø 162	Ø 200
Length	mm	450	450	450	450	450	450	450	450
Weight	kg	1.7	2.4	3.2	3.7	4.6	6.0	6.3	9.9
Drilling material		Concrete, reinforced concrete and brickwork							
Part number		3378 0050 61	3378 0050 62	3378 0050 63	3378 0050 64	3378 0050 65	3378 0050 66	3378 0050 67	3378 0050 68



Drill chuck

Comment		for steel and wood drilling
Length	mm	100
Weight	kg	0.4
Drilling material		Chuck 1.5 - 13 mm (0.06 - 0.51 in) Adaptor (1/2 in bsp to 3/8 bsp)
Part number		3371 8077 68



POST DRIVERS

Used for driving in road barrier tubes, profiles, signposts, fences and a wide range of anchors, the post drivers provide stable, powerful, high speed driving for a variety of post sizes. When operated with an optional hose-mounted remote-controlled valve, the drivers can be run with both open- or closed-centre systems.

The LPD-T comes with a standard 0.5 meter quick-release coupling tail hose and has a build-in start/stop trigger that the operator activates directly on the driver. The LPD-RV is supplied with a 2-meter long tail

hose and features a remote on/off valve that allows the operator to activate the driver even when it is placed on top of tall posts.

They accept a high back pressure in the return line., which allow you to operate from almost any hydraulic outlet – even on skid steers with high return pressure systems - or when extreme long hoses is needed.



Post drivers

		LPD-LD	LPD-T	LPD-RV	LPD-HD-T	LPD-HD-RV
Activation type			By trigger lever	By remote valve	By trigger lever	By remote valve
Hydraulic system			Open centre	Open- or closed-centre	Open centre	Open- or closed-centre
Weight (incl hoses)	kg		32	33	39	40
Service weight (with square adaptor, 54 mm)	kg		34 ¹⁾	35 ¹⁾	45 ²⁾	46 ²⁾
Oil flow	l/min		20-30	20-30	28-40	28-40
Working pressure	bar		105-140	105-140	105-125	105-125
Impact rate at 30 l/min	blows/min		1680	1680	1320	1320
Hydraulic ports			½" BSP	½" BSP	½" BSP	½" BSP
Vibration level 3 axes (ISO 28927-10) 20 lpm ³⁾	m/s ²		12,8	-	20,1	-
Sound power level guaranteed (2000/14/EC), Lw ³⁾	dB(A)		115	115	118	118
Sound pressure level (ISO 11203) ³⁾ Lp, r=1m	dB(A)		102	102	105	105
EHTMA class			C/D	C/D	D/E	D/E
Part number			1801 4040 02	1801 4050 02	1801 4140 00	1801 4150 00

¹⁾ With square adaptor, 54 mm

²⁾ With anvil rod and head, 148 mm

³⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product (part no 3392 5036 01). It can be found on www.acprintshop.com

POST DRIVER ADAPTORS



Adaptors for LPD-T and LPD-RV

Shape	Description	Part number
Universal		3371 8060 33
Round	96 mm	3371 8060 34
Square	54 mm	3371 8060 32



Solid adaptors for LPD-HD-T and LPD-HD-RV

Shape	Description	Part number
Round	For 6.0 in. tubes and 140 mm poles	3371 8060 52
Round	For Ø135-145 mm tubes	3371 8060 53
Round	For Ø105-115 mm tubes	3371 8060 54
Round	For Ø150 mm poles	3371 8060 55



Guide adaptors for LPD HD-T and LPD HD-RV

Shape	Description	Part number
Rectangular	For IPE/Sigma/C 100 mm beams	3371 8060 45
Rectangular	For IPE/C 120 mm beams	3371 8060 46
Round	For 2.5 in. tubes and 70-75 mm poles	3371 8060 47
Round	For 3.0 in. tubes and 80-85 mm poles	3371 8060 48
Round	For 3.5 in. tubes and 95-100 mm poles	3371 8060 49
Round	For 4.0 in. tubes and 105-110 mm poles	3371 8060 50
Round	For 5.0 in. tubes and 125-135 mm poles	3371 8060 51

POST PULLER

The Atlas Copco post puller is used by road-maintenance contractors to remove damaged crash barriers and road signs. With hardened jaws and an automatic chain-tightening clamp, this post puller is ideal for removing all kinds of wooden or steel posts including IPE, HPE, UPE profiles and round/square steel tubes. This post puller develops 6 tons of hydraulic pulling force. With the help of a separate hand lever (optional), you can boost the pulling force by an extra 4 tons to loosen any poles that are fixed into place with ease. Weighing just 60 kg, it is the most compact and portable pulling device on the market – perfect for on-site road repairs that cannot be accessed by heavy vehicles with a 10-ton crane.



Post puller

LPP 10 HD

Service weight (incl hoses and chain)	kg	60
Oil flow	l/min	20-40
Working pressure	bar	100-160
Max back pressure	bar	30
Lift capacity per stroke	mm	12-200
Pulling force	kg	6000
Full pulling force	kg	10000
EHTMA class		C/D/E
Part number		1801 8100 03



Lever kit

Weight	Kg	10
Part number		3371 8101 48

POST HOLE BORER

Compact and powerful, this tool drills holes in hard soil and sand of up to 1.3 meter in depth and 90-350 mm in diameter. It offers reversible rotation and is designed for two-person operation. All augers have interchangeable bits for increased service lifetime. The auger is ideal for fencing and tree planting. Featuring two-way operation and with adjustable torque settings, the tool can also be used to open and close main water line valves, for example, with the help of special adaptors.



Handheld post hole borer

LPHB

Weight	kg	20
Service weight (incl Ø 200 mm auger)	kg	30,5
Oil flow	l/min	15-40
Working pressure	bar	80-140
Max back pressure	bar	50
Revolutions	rpm	90-240
Auger size diameter	mm	90-350
Torque (at 140 bar)	Nm	315
Vibration level 3 axes (ISO28927-5) 20 lpm ¹⁾	m/s ²	7,4
Sound pressure level (ISO 11203) ¹⁾ Lp, r=1m	dB(A)	<70
EHTMA class		C/D/E
Part number		1806 1014 33

¹⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product (part no 3392 5115 01). It can be found on www.acprintshop.com



POWER PACKS

You choose: petrol, diesel or electric-driven power packs

These well-proven power packs are the ideal power source for a wide range of applications in the 20-40 lpm/170 bar range. Light and compact, with well protecting frames, they are easy to store and transport. Equipped with wheels and handles, they are easy to move around construction sites.

Reduces fuel consumption and noise

Many of the power packs are equipped with Power On Demand (POD). This hydraulic regulatory system automatically idles the engine when the tool is not being used, and then speeds it up when the tool is re-activated.

FOLDABLE HANDLE

One person can move power packs around site with ease.

ON/OFF VALVE

The variable flow on/off valve allows for easy tool change and slow start-up.

FILTER INDICATOR

All power packs feature a large, easy-to-read filter gauge that indicates when it's time to change the filter.

Efficient cooling

The thermostatically-controlled oil cooler allows quick warm-ups and helps protect the hydraulic oil from overheating. Correct working temperature is achieved within minutes – even during the winter.





		PETROL					DIESEL	ELECTRIC			
		LP 9-20 P ²⁾	LP 13-30 P ²⁾	LP 18-30 PE	LP 18-40 PE	LP 18 Twin PE	LP 13-20 DEL	LP 9-20 E	LP 18-30 E	LP 18-40 E	LP 18 Twin E
Engine		Honda GX 270	Honda GX 390	B&S Vanguard	B&S Vanguard	B&S Vanguard	Lombardini LD 440				
Power	kW (hp)	6,6 (9)	9,5 (13)	13,2 (18)	13,2 (18)	13,2 (18)	7,4 (10)	5,5 3x400 V / 16A	11 3x400 V / 32A	11 3x400 V / 32A	11 3x400 V / 32A
Weight (incl oil)	kg	76	91	118	118	123	116	68	130	130	135
Dimensions (LxWxH)	mm	605x505x620	745x600x705	790x605x690	790x605x690	755x700x720	745x600x705	605x505x620	815x605x690	815x605x690	745x605x705
Oil flow	l/min	20	20-30	20-30	20-40	2x20/1x40	20	20	30	40	2x20/1x40
Max pressure	bar	150	150	170	145	145	150	150	170	155	155
Fuel capacity	l	6	6,5	8,5	8,5	8,5	5	-	-	-	-
Hose included		YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Power on Demand (POD)		YES	YES	NO	NO	YES	NO	NO	NO	NO	NO
Oil control: engine oil		YES	YES	YES	YES	YES	NO	NO	NO	NO	NO
Electric start		NO	NO	YES	YES	YES	YES	YES	YES	YES	YES
Sound power level guaranteed (2000/14/EC) ⁴⁾ Lw	dB(A)	101	101	101	101	101	-	101	101	101	101
Sound pressure level (ISO 11203) ⁴⁾ Lp, r=1m	dB(A)	87	89	99	99	88	-	82	86	86	86
EHTMA class		C	C/D	C/D	C/D/E	C/E	C	C	D	E	C/E
Part number		1807 0080 44	1807 0110 12	1807 0160 41	1807 0160 38	1807 0160 16	-	1807 0080 46	1807 0160 43	1807 0160 42	1807 0160 22
Non-CE noise approved versions											
Part number ¹⁾		1807 0080 45	1807 0110 23	-	1807 0160 40	1807 0160 32	1807 0110 20	-	-	-	-

¹⁾ Not sold within EU

²⁾ Extension twin-hose comes as standard with LP 9-20 P and LP 13-30 P

³⁾ LP 13-30 P, LP 13-20 D, LP 18 Twin E: With stainless steel frame

⁴⁾ Important: Full details of measurement is available in the Safety and Operating Instruction of the product. It can be found on www.acprintshop.com

ACCESSORIES

POWER PACK BIO-OIL

Each power pack comes with two 4-litre bottles of Atlas Copco biodegradable oil, enough for filling the power pack and a 7-metre hose.



4 litre		
Size	l	4
Part number		3371 8077 51

OIL-FLOW DIVIDER

The oil-flow divider allows you to run tools from hydraulic powered carriers by reducing flow and pressure. An extension hose is required to connect the divider to the tool.



		LFD 20	LFD 30
Max oil flow rate	l/min	60	120
Regulated oil flow rate	l/min	20 ¹⁾	30 ²⁾
HTMA Type		C	D
Part number		1801 1632 29	1801 1642 32

¹⁾ Can be adjusted between 20-25 l/min

²⁾ Can be adjusted between 25-38 l/min

EXTENSION HOSES

By adding one or two 7-m extension hoses you can use up to 21 m of hose with no significant drop in pressure. The hoses are light and flexible and are fitted with flat-face, quick-release couplings. (A 7 m extension hose comes as standard with LP 9-20 P and LP 13-30 P).



		7 m	12 m
Length	m	7	12
Couplings: flat face quick release	dimension	1/2"	1/2"
EHTMA class		C/D/E	C/D
Part Number		3371 8010 87	3371 8010 89

WATER KIT

Diamond blades and core bits need a small but constant supply of water to flush away slurry and to repress dust. Where water is available, taps can be used and water flow can be regulated on the tool. On remote sites where there is no water supply, we recommend the Atlas Copco water kit, a small pressurised water container.



Water kit with pressure tank		
Size (W x H x D)	mm	220 x 620 x 250
Water volume	l	10
Weight	kg	8
Comments		Water supply for LCD core-drill and LS cut-off saw
Part number		3371 8090 02

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