



*Atlas Copco*

# LBB and CFD Handheld Drills

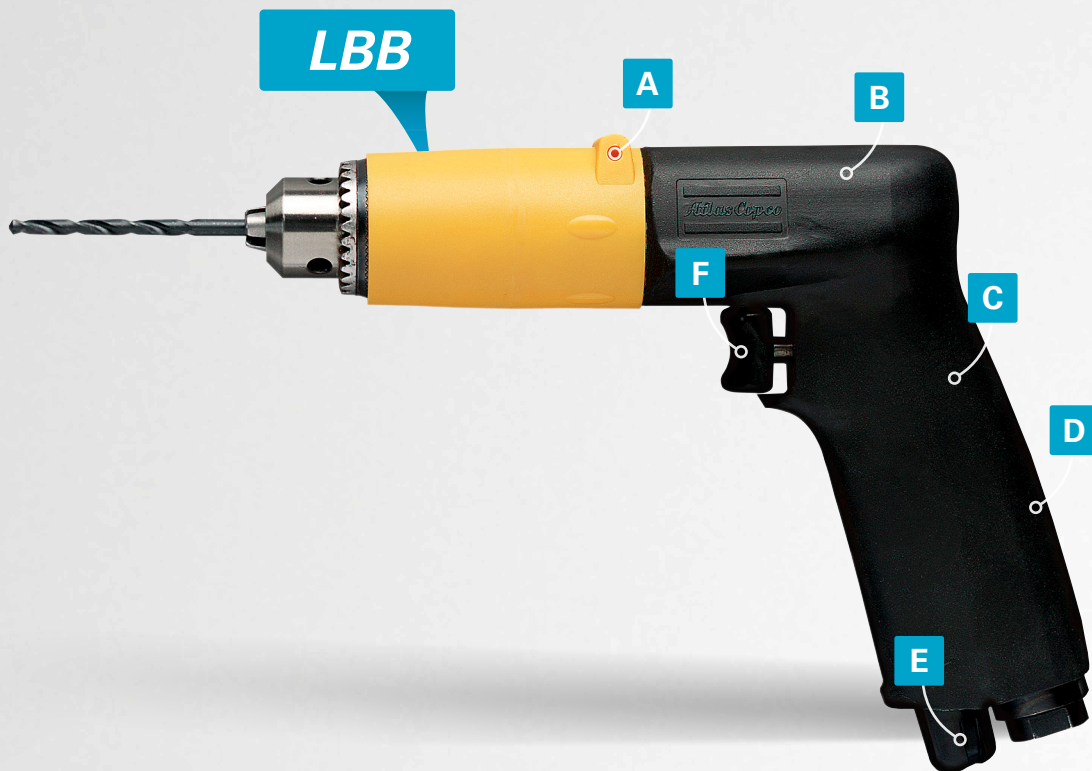
Power, versatility & accuracy all in the palm  
of your hand.

# LBB Handheld Drills

## Overview

From the time our first drill was produced, we have strived to set the industry standard for power and ergonomics in handheld drills. Our drills have an unmatched combination of power-to-weight ratio and design factors that will increase operator performance and comfort. The LBB series of handheld drills are of the highest quality and built to provide consistent reliability and performance in a wide range of applications. Atlas Copco

has demonstrated a genuine understanding of customer needs and have recently put our focus on ergonomics and safety to reduce the risk of tool-related injuries and make your job easier, safer and more efficient. Our drills have evolved to meet changing customer demands over the years. Whatever the job, Atlas Copco has a drill or an attachment to match your exact requirements.



## Benefits

- ▶ **Power-to-Weight Ratio:** The LBB drills consistently have the best power-to-weight ratio in their class.
- ▶ **Sensitive Trigger:** For slow starting and manual speed control, the trigger on the LBB drills can be finely feathered.
- ▶ **Ergonomic Handle Design:** All LBB drills have a 70-degree handle angle, which is the optimal angle to avoid hand and wrist injuries.
- ▶ **Rubber Coated Handle:** The handle is rubber coated to provide a more comfortable grip for operators. The textured rubber handle offers a better grip surface than smooth metal or plastic.
- ▶ **Lubrication-Free Motor:** All LBB drills can be run without lubrication, though lubricated air is preferred to optimize tool performance.
- ▶ **Included Chuck Guard:** Every LBB drill ships with a chuck guard included, which eliminates a pinch point by covering the area where the chuck connects to the motor.
- ▶ **Accuracy:** Precision chuck and double bearing design for minimal runout and perfect holes every time.
- ▶ **Controlled air flow:** Excellent flow characteristics for maximum power and low air consumption.

## LBB features

- A Chuck Guard**  
Prevents damage and gives good support.
- B Wing Design**  
Better grip and controlled feed force.
- C Soft Grip**
  - Comfortable rubber grip
  - Reduces slipping
- D Correct Angle**
  - Reduce wrist injuries
  - Increases feed force
- E Adjustable Air Exhaust, 360°**  
Prevents air exhaust from affecting operator performance.
- F Sensitive Trigger**
  - Great throttling capability
  - Increases hole quality
  - Reduces risk of trigger finger syndrome



Whatever the job, Atlas Copco has a drill to match your exact requirements!

# LBB Handheld Drills

## SPECIFICATION GRID FOR LBB 16, 26, 36 AND 37

Model	Free speed r/min	Chuck capacity (in)	Weight with chuck (lb)	Air consumption free speed (cfm)	Hose size		Air inlet thread NPT	Power hp	Stall torque (Nm)	Without chuck		
					(mm)	(in)				With chuck Ordering No.	Model	Ordering No.
LBB16 EP-00,3	300	10	1.5	-	-	1/4	1/4	0.4	-	8421 0108 01	003-U	8421 0108 02
LBB16 EP-005 b	500	10	1.5	17.0	6.3	1/4	1/4	0.4	21.6	8421 0108 06	005-U	8421 0108 07
LBB16 EP-005-U-AL'	500	10	1.5	17.0	6.3	1/4	1/4	0.4	21.6	8421 070816	-	-
LBB16 EP-010	1000	10	1.5	17.0	6.3	1/4	1/4	0.4	7.8	8421010810	010-U	8421 0108 11
LBB16 EP-010-U-AL'	1000	10	1.5	17.0	6.3	1/4	1/4	0.4	7.8	8421 0108 15	-	-
LBB16 EP-024a	2400	6.5	1.2	17.0	6.3	1/4	1/4	0.4	4.2	8421 0108 20	024-U	8421 0108 21
LBB16 EP-024-AL'	2400	6.5	1.2	17.0	6.3	1/4	1/4	0.4	4.2	8421 070819	-	-
LBB16 EP-033 '	3300	6.5	1.2	17.0	6.3	1/4	1/4	0.4	3.4	8421 0108 30	033-U	8421 0108 31
LBB16 EP-033-AL'	3300	6.5	1.2	17.0	6.3	1/4	1/4	0.4	3.4	8421 070818	-	-
LBB16 EP-045a	4500	6.5	1.2	17.0	6.3	1/4	1/4	0.4	2.0	8421 0108 40	045-U	8421010841
LBB16 EP-045-AL'	4500	6.5	1.2	17.0	6.3	1/4	1/4	0.4	2.0	8421 0108 04	-	-
LBB16 EP-060 '	6000	6.5	1.2	17.0	6.3	1/4	1/4	0.4	1.7	8421 0108 50	060-U	8421 0108 51
LBB16 EP-060-AL'	6000	6.5	1.2	17.0	6.3	1/4	1/4	0.4	1.7	8421 0108 25	-	-
LBB16 EP-200a	20000	6.5	1.2	17.0	6.3	1/4	1/4	0.4	0.5	8421 0108 60	200-U	-
LBB16 EPX-00,5	500	10	1.5	20.0	6.3	1/4	1/4	0.45	25.2	8421 0108 08	005-U	8421 0108 09
LBB16 EPX-010 b	1000	10	1.5	20	6.3	1/4	1/4	0.45	12.3	8421 0108 12	010-U	8421 0108 03
LBB16 EPX-024 a	2400	6.5	1.2	20.0	6.3	1/4	1/4	0.45	4.9	8421 0108 22	024-U	8421 0108 23
LBB16 EPX-033a	3300	6.5	1.2	20.0	6.3	1/4	1/4	0.45	3.7	8421 0108 32	033-U	8421 0108 33
LBB16 EPX-045 a	4500	6.5	1.2	20.0	6.3	1/4	1/4	0.45	3.0	8421 0108 42	045-U	8421 0108 43
LBB16 EPX-060a	6000	6.5	1.2	20.0	6.3	1/4	1/4	0.45	2.3	8421 0108 52	060-U	8421 0108 53
LBB16 EPX-200 a	20000	6.5	1.2	20	6.3	1/4	1/4	0.45	0.6	8421 0108 82	200-U	8421 0108 63
LBB26 EPX-003 b	300	13	1.8	31.8	10.0	3/8	1/4	0.7	53.5	8421 0500 00	003-U	8421 0500 01
LBB26 EPX-00,5	500	13	1.8	31.8	10.0	3/8	1/4	0.7	31.6	8421 0500 02	005-U	8421 0500 03
LBB26 EPX-007 b	700	13	1.8	31.8	10.0	3/8	1/4	0.7	24.6	8421 0500 04	007-U	8421 0500 05
LBB26 EPX-013 ab	1300	10	1.7	31.8	10.0	3/8	1/4	0.7	14.7	8421 0500 06	073-U	8421 0500 07
LBB26 EPX-019a	1900	10	1.7	31.8	10.0	3/8	1/4	0.7	9.9	8421 0500 24	019-U	8421 0500 25
LBB26 EPX-026 '	2600	8	1.7	31.8	10.0	3/8	1/4	0.7	7.7	8421 0500 08	026-U	8421 0500 09
LBB26 EPX-033a	3300	8	1.5	31.8	10.0	3/8	1/4	0.7	5.7	8421 0500 10	033-U	8421 0500 11
LBB26 EPX-045 a	4500	8	1.5	31.8	10.0	3/8	1/4	0.7	4.1	8421 0500 12	045-U	8421 0500 13
LBB26 EPX-060 '	6000	8	1.5	31.8	10.0	3/8	1/4	0.7	3.3	8421 0500 14	060-U	8421 0500 15
LBB26 EPX-200 '	22000	6.5	1.5	31.8	10.0	3/8	1/4	0.7	0.8	8421 0500 28	200-U	8421 0500 29
LBB36 H00,5	500	-	3.3	34.9	10	3/8	3/8	0.9	43.8	-	-H005U	8421 0408 03
LBB36 H007,	700	13	3.5	34.9	10	3/8	3/8	0.9	37.2	8421 0408 07	-H007U	8421 0408 05
LBB36 H013'	1300	10	3.3	34.9	10.0	3/8	3/8	0.9	19.5	8421 0408 15	-H013U	8421 0408 13
LBB36 H026'	2600	10	2.5	34.9	10.0	3/8	3/8	0.9	10.3	8421 0408 33	-H026U	8421 0408 31
LBB36 H033'	3300	10	2.5	34.9	10.0	3/8	3/8	0.9	8.6	8421 0408 41	-H033U	8421 0408 39
LBB36 H060'	6000	6.5	2.5	34.9	10.0	3/8	3/8	0.9	5.0	8421 0408 49	-H060U	8421 0408 47
LBB36 H200'	22000	6.5	2.2	34.9	10.0	3/8	3/8	0.9	1.3	8421 0408 55	-H200U	8421 0408 53
LBB37 H006	600	13	2.5	44.0	10.0	3/8	3/8	1.1	48.0	8421 0608 06	-H006U	8421 0608 14
LBB37 H015	1500	10	3.3	44.0	10.0	3/8	3/8	1.1	22.5	8421 0608 05	-H015U	8421 0608 15
LBB37 H037	3700	10	2.5	44.0	10.0	3/8	3/8	1.1	9.2	8421 0608 13	-H037U	8421 0608 16
LBB37 H065	6500	6.5	2.5	44.0	10.0	3/8	3/8	1.1	5.0	8421 0608 11	-H065U	8421 0608 17
LBB37 H230	23000	6.5	2.2	44.0	10.0	3/8	3/8	1.1	1.3	8421 0608 03	-H230U	8421 0608 18
LBB45 H004 b	400	16	9.3	21.0	10.0	3/8	1/4	0.9	-	8421 0501 16	-	-
LBB45 H006b	600	16	9.3	21.0	10.0	3/8	1/4	0.9	-	8421 0501 24	-H006U	8421 0501 40
LBB45 H01,7	1700	16	9.3	21.0	10.0	3/8	1/4	0.9	1700	8421 0501 32	1700	1700
ATEX certified models												
LBB26 EPX005-ATEX	500	13	1.8	31.8	10	3/8	1/4	0.7	8421 0500 22			
LBB26 EPX007-ATEX	700	13	1.8	31.8	10	3/8	1/4	0.7	8421 0500 21			
LBB26 EPX013-ATEX	1300	10	1.7	31.8	10	3/8	1/4	0.7	8421 0500 20			
LBB26 EPX026-ATEX	2600	8	1.7	31.8	10	3/8	1/4	0.7	8421 0500 19			

\* Including chuck guard, Including support handle,

\* AL = Drill nose is not painted silver Aluminum.

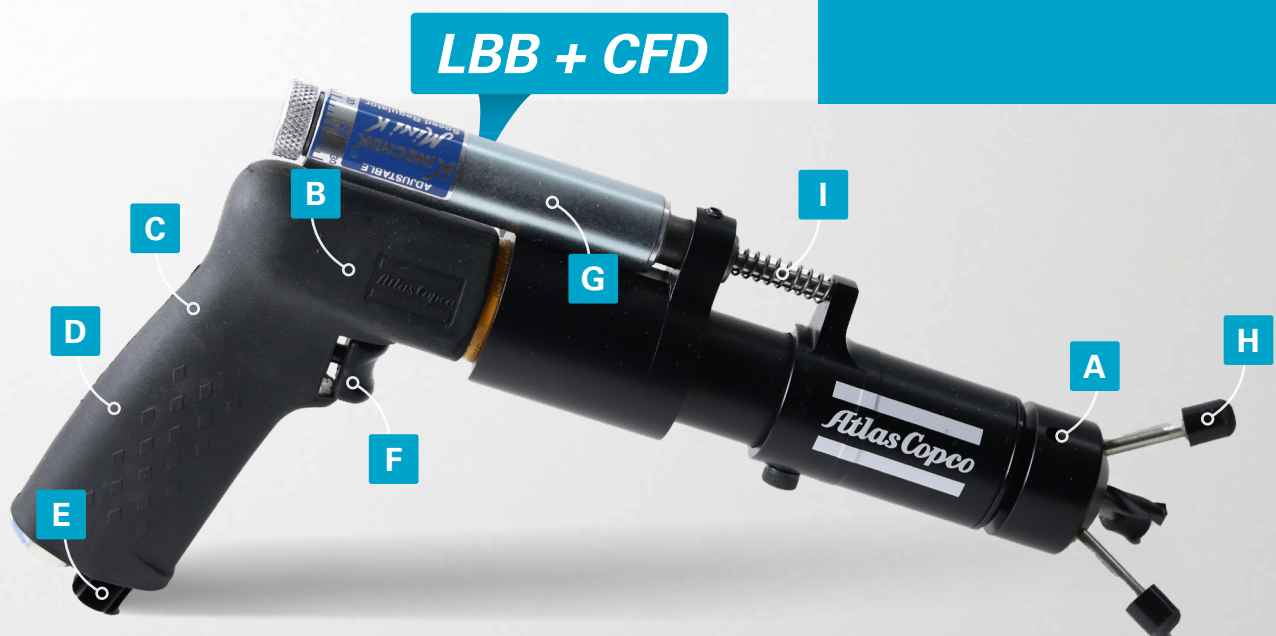
# CFD Attachment

## CFD (Control Feed Drill) Attachment benefits

- ▶ **Versatility:** Can be changed back into standard LBB drill, CFD attachment easily detaches from drill body (one set screw)
- ▶ **Efficient:** Quickly change collets or cutters in minutes
- ▶ **Accuracy:** Adjustable front leveling system, ensures perfect alignment every time
- ▶ **Precision:** Easily adjust feed speed/pressure with a turn of a knob
- ▶ **Reliable:** When you pick up an Atlas Copco CFD drill, you can feel confident knowing that it will do the job over and over again.
- ▶ **Productivity:** Despite their compact designs, our LBB/CFD drills consistently deliver all the power you need. The high power-to-weight ratio ensures maximum material removal in the shortest possible time.
- ▶ **Durability:** The rugged designs of our drills and attachments can withstand the toughest industrial situations and continue to perform day in and day out. While maintenance requirements are extremely low due to our lube-free motors.

## CFD Attachment features

- A Body**  
Made of durable lightweight aluminum
- B Wing Design**  
Better grip and controlled feed force.
- C Soft Grip**
  - Comfortable rubber grip
  - Reduces slipping
- D Correct Angle**
  - Reduce wrist injuries
  - Increases feed force
- E Adjustable Air Exhaust, 360°**  
Prevents cool air from affecting the operator.
- F Sensitive Trigger**
  - Great throttling capability
  - Increases hole quality
  - Reduces risk of trigger finger syndrome
- G Hydraulic Feed Guide**  
Controlled feed speed with hydraulic break mechanism allows for precision dialing.
- H Front Leveling System**  
Front leveling system allows for flush surface contact allowing for the perfect 90 degree angle every time.
- I Guide Rod**  
Stainless steel guide rod and spring prevents binding and ensures higher accuracy.



# Accessories

## Included with all

- ▶ Chuck, chuck key, hose nipple.

## Included based on specific drill model

- ▶ LBB16 and -36/37 with suspension yoke and with chuck guard where possible.
- ▶ LBB16 and -36/37 have a 3/8" -24 UNF spindle thread.
- ▶ LBB36 H005 and LBB37 H006 have a 1/2" -20 UNF thread.

### PRODUCT ORDERING GRID

Product	Package Components	Ordering Numbers
Control Feed Drill - 300 RPM	LBB16 EPX-003-U	9810202069
Control Feed Drill - 500 RPM	LBB16 EPX-005-U	9810202070
Control Feed Drill - 1,000 RPM	LBB16 EPX-010-U	9810202071
Control Feed Drill - 2,400 RPM	LBB16 EPX-024-U	9810202072
Control Feed Drill - 3,300 RPM	LBB16 EPX-033-U	9810202073
Control Feed Drill - 4,500 RPM	LBB16 EPX-045-U	9810202074
Control Feed Drill - 6,000 RPM	LBB16 EPX-060-U	9810202075
Control Feed Drill - 20,000 RPM	LBB16 EPX-200-U	9810202076

### SPECIAL NOSE PIECES

Product	Ordering Numbers
Tripod Nose Piece	1280007225
Short Nose Piece	1280022407

\* When ordering, specify the Guide Bushing Size - Drill Bushing and the Drill Collet Size - Collet size.  
If using the CFD with multiple drill bits, specification of ALL drill bit sizes will be needed.

## Optional accessories



Key Chuck



Collet Chuck and Collets



Power Feed Arm



Quick Chuck



Spot Suction Attachment



Support Handle

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