

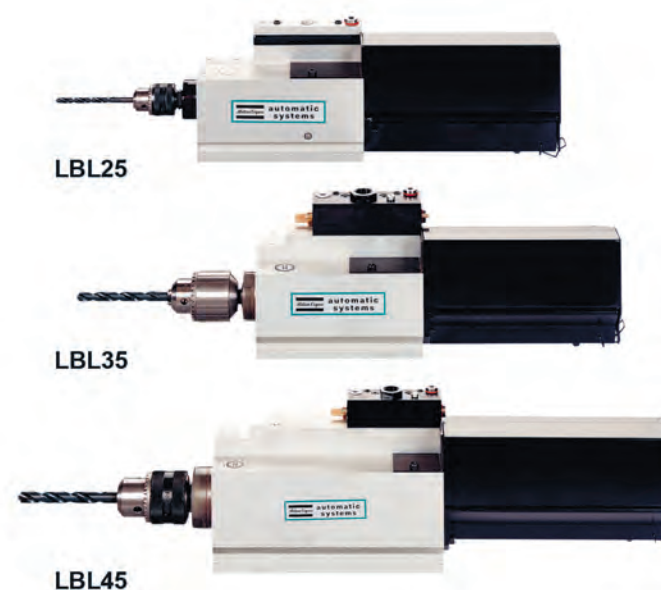
# Automatic Drilling and Tapping Units

**LBL**

These units are available in three sizes, LBL25, LBL35 and LBL45, each size covering a specific diameter range, totally up to 32 mm in aluminium.

The basic units can be fitted with different chucks, two heads for simultaneous drilling of two holes and attachments for chip removal and tapping.

- **Highly dependable** – LBL drilling and tapping units feature quick and precise clamping, making them highly dependable.
- **Easy to build together** – Several holes can be drilled in a single operation since several of these compact units can easily be built together.
- **Low noise level** – The units have a low noise level as the exhaust air is discharged through silencers inside the protective casing.



Model	Capacity		Feed force N	Max output		Feed stroke mm	Free speed r/min	Weight		Air consumption				Ordering No.
	Steel mm	Alumi- num mm		kW	hp			kg	lb	Max output		Free speed		
										l/s	cfm	l/s	cfm	
LBL25E 049	3.2	5.0	350	0.22	0.3	80	4600	3	6.6	5.2	11	5.8	12	8421 9208 55
LBL25E 022	5.0	6.5	350	0.22	0.3	80	2100	3	6.6	5.2	11	5.8	12	8421 9208 63
LBL25E 011	8.0	10.0	350	0.22	0.3	80	1100	3	6.6	5.2	11	5.8	12	8421 9208 71
LBL35E 007	11.0 <sup>c</sup>	13.0 <sup>d</sup>	1050	0.33	0.5	80	700	7	15.0	9.5	21	10.6	22	8421 9308 04
LBL35E 014	8.0 <sup>a</sup>	10.0 <sup>b</sup>	1050	0.33	0.5	80	1400	7	15.0	9.5	21	10.6	22	8421 9308 12
LBL35E 030	5.0	7.0	1050	0.33	0.5	80	3000	7	15.0	9.5	21	10.6	22	8421 9308 38
LBL35E 054	3.0	5.0	1050	0.33	0.5	80	5400	7	15.0	9.5	21	10.6	22	8421 9308 46
LBL45E 003	20.0 <sup>e</sup>	32.0 <sup>f</sup>	2500	0.80	1.1	120	320	16	35.0	20.0	44	9.0	19	8421 9408 03
LBL45E 007	14.0 <sup>c</sup>	22.0 <sup>d</sup>	2500	0.80	1.1	120	700	16	35.0	20.0	44	9.0	19	8421 9408 29
LBL45E 010	10.0	16.0	2500	0.80	1.1	120	1000	16	35.0	20.0	44	9.0	19	8421 9408 37
LBL45E 025	-	10.0	2500	0.80	1.1	120	2500	16	35.0	20.0	44	9.0	19	8421 9408 52

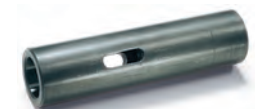
Recommended max tapping size: <sup>a</sup>M4   <sup>b</sup>M5   <sup>c</sup>M8   <sup>d</sup>M10   <sup>e</sup>M12   <sup>f</sup>M16

**Optional Accessories****LBL25**

Designation	Ordering No.
Hydraulic damper (feed stroke 65 mm)	4130 1844 80
Key chuck (0-6.5 mm)	4021 0283 00
Key chuck (2-10 mm)	4021 0416 00

*Hydraulic damper***LBL35**

Designation	Ordering No.
Hydraulic damper (feed stroke 65 mm)	4130 1844 80
Key chuck (2.0-13.0 mm)	4021 0452 00
Sleeve chuck (2.0-9.5 mm)	4021 0459 00
Twin spindle head, speed ratio 1:1, center to center adjustment range 12.7-63.5 mm	4130 1363 84
Other multiple heads on request	
Tapping unit, M2-M7 SPD3, Taper socket J33	4130 1938 00
Holder for tapping unit SPD3	4130 1787 00
Collet 2.5-5 mm	4021 0412 00
Collet 5-6.3 mm	4021 0413 00
Tapping unit, M3-M12 SPD5, Tapping Socket J33	4130 1939 00
Holder for tapping unit SPD5	4130 1860 00
Collet 3.3-6.8 mm	4021 0337 00
Collet 4.5-8.7 mm	4021 0336 00
Collet 6-10 mm	4021 0456 00

*Key chuck**Sleeve chuck**Morse taper socket***LBL45**

Designation	Ordering No.
Hydraulic damper (feed stroke 110 mm)	4130 1895 80
Key chuck (3.2-16.0 mm)	4021 0423 00
Sleeve chuck (2.0-9.5 mm)	4021 0458 00
No. 2 Morse taper socket	4130 1080 00
No. 3 Morse taper socket	4130 1079 00
Twin spindle head, speed ratio 1:1, center to center adjustment range 19-95 mm	4130 1364 82
Other multiple heads on request	
Tapping unit, M15-M18 SPD7, Taper socket, J3	4130 1940 00

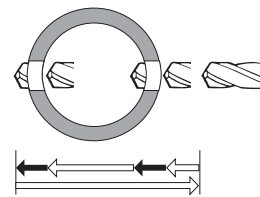
*Tapping unit**Twin spindle head*

## Optional Accessories

### PROGRAMMED DAMPING DEVICE

Model	Ordering No.
LBL35, -45	4130 1961 80

To be used together with the hydraulic damper.



Programmed damping device

### COLLETS FOR SLEEVE CHUCK LBL35/45 TWIN HEAD LBL45

Size mm	Ordering No.
5.0	4130 1561 30
5.5	35
6.4	44
6.5	45
7.0	4130 1561 50
8.0	4130 1561 60
8.5	65
9.0	4130 1561 70
9.5	75

### COLLETS FOR TWIN HEAD LBL35

Size mm	Ordering No.
3.2	4130 1367 22
4.0	4130 1367 30
6.5	4130 1367 55

### MOUNTINGS

Ref. No.	Designation	Ordering No.	
		LBL25, LBL35	LBL45
1	Base plate	4140 0077 80	4140 0081 80
2	Base plate	4140 0080 80	4140 0084 80
8	Locking bar	4140 0078 00 <sup>a</sup>	4140 0082 00 <sup>a</sup>

<sup>a</sup> Two per unit.

