

Technical Data	DLG 615-1 AL	DLG 615-1 Y765 AL	DLG 615-1+1 AL	DLG 615-1+1Y765 AL	DLG 460-2 AL	DLG 550-2 AL
Drill area, with loading system, per spindle	X = 615 mm Y = 650 mm	X = 615 mm Y = 765 mm	X = 615 mm Y = 650 mm	X = 615 mm Y = 765 mm	X = 460 mm Y = 650 mm	X = 550 mm Y = 650 mm
Drill area without loading system, per spindle	X = 615 mm Y = 650 mm	X = 615 mm Y = 765 mm	X = 615 mm Y = 650 mm	X = 615 mm Y = 765 mm	X = 500 mm Y = 650 mm	X = 600 mm Y = 650 mm
Overall table size	X = 800 mm Y = 725 mm	X = 800 mm Y = 865 mm	X = 800 mm Y = 725 mm	X = 800 mm Y = 865 mm	X = 1000 mm Y = 725 mm	X = 1200 mm Y = 725 mm
Machine dimensions	B = 1510 mm T = 1760 mm H = 1820 mm	B = 1550 mm T = 1970 mm H = 1910 mm	B = 1715 mm T = 1760 mm H = 1820 mm	B = 1760 mm T = 1970 mm H = 1910 mm	B = 1550 mm T = 1720 mm H = 1820 mm	B = 1715 mm T = 1760 mm H = 1820 mm
Weight, machine, ca.	2900 kg	3850 kg	3800 kg	4600 kg	3100 kg	3800 kg
Weight, loading system, ca.	300 kg	400 kg	300 kg	400 kg	400 kg	400 kg
Floor area, including loading system	B = 1600 mm T = 4600 mm	B = 1640 mm T = 4600 mm	B = 1800 mm T = 4600 mm	B = 1850 mm T = 4600 mm	B = 1600 mm T = 4600 mm	B = 1800 mm T = 4600 mm
Compressed air usage machine only + spindle ca.	50 l/min	50 l/min	50 l/min	50 l/min	75 l/min	75 l/min
Air pressure	6 bar	6 bar	6 bar	6 bar	6 bar	6 bar
Power supply	400 V / 50 / 60 Hz	400 V / 50 / 60 Hz	400 V / 50 / 60 Hz	400 V / 50 / 60 Hz	400 V / 50 / 60 Hz	400 V / 50 / 60 Hz
Power consumption	4 kVA	4 kVA	5 kVA	5 kVA	5 kVA	5 kVA
Positioning accuracy	± 0,003 mm	± 0,003 mm	± 0,003 mm	± 0,003 mm	± 0,003 mm	± 0,003 mm
Repeatability	± 0,002 mm	± 0,002 mm	± 0,002 mm	± 0,002 mm	± 0,002 mm	± 0,002 mm
Maximum drive speed	50 m/min	50 m/min	50 m/min	50 m/min	50 m/min	50 m/min

Drilling spindles (Air - bearing)

Precise Type ASC 206320.000 - 140.000 rpm
Westwind Type D 1331 20.000 - 125.000 rpm
Westwind Type 1686 30.000 - 180.000 rpm
Westwind 320 20.000 - 80.000 rpm

(ball-bearing)

Precise Typ SC 3063 15.000 - 60.000 rpm
Precise Typ SC 2063 15.000 - 80.000 rpm

Air consumption spindles

Precise ASC 2063 100 l/min
Westwind 1331 100 l/min
Westwind 1686 120 l/min
Westwind 320 80 l/min
Precise SC 3063 30 l/min
Precise SC 2063 30 l/min

Spindle coolant

Automatic cooler unit holds the coolant temperature at +20°C ±2°C.

Air quality

Air quality is assured by means of the freeze dryer supplied with each machine.

Measuring System

X- and Y-axes are controlled by a linear measuring system with 1 micron resolution.

Quality standard

Geometric quality standard to DIN 8601

Drilling accuracy dependant upon stack height, tool diameter, Z-axis speed, ±20 microns

Z-axis speed, ±20 microns

Z-axis height 40 mm

Operation temperature limits for functional guarantee +17°C to +30°C

Operation temperature for maximum accuracy +20°C (±2°C)

Noise level with cover closed 72 dBA

Guarantee CNC 12 months

CNC Sieb & Meyer

All machines can be equipped with the Sieb & Meyer CNC 44.00, CNC 48.00 or CNC 55.00. Up to 2 spindle machines the Sieb & Meyer CNC controller as well as the machine electronics, are built-in to the granite base. Up from 3 spindle machines the CNC is built into a separate cabinet.

LENZ M.A.U.S. = Multi Autonom Unit

System. Up to 8 x DLG machines can be interlinked and controlled by the Sieb & Meyer system 56.00. (CNC 44.00 only)

We reserve the right to alter technical specifications without notice.