ERLO DRILLING SYSTEMS

The WORKSHOP PRESS Company

Category	Model	Descr.	Floor / Bench	Drilling Feed	Tapping Feed	Drive	Clutch	Table	Table Size	Headstock	Weight (Kg)	Lighting	Coolant	Drilling (Ø mm)	Tapping	Speeds	Motor (kw)	Taper	Stroke (mm)	Column (Ø mm)	Throat Depth	Spindle to Table Max (mm)
A	A.40	Drilling Machine	Floor	Automatic	Manual	Gears	Mechanical	Column Adj. + Rotate + Tilt	550 x 550	Fixed	610	Yes	Yes	40	M33	9	2.2	MT4	200	175	360	N/A
A	A.50	Drilling Machine	Floor	Automatic	Manual	Gears	Mechanical	Column Adj. + Rotate + Tilt	550 x 550	Fixed	710	Yes	Yes	50	M36	9	3	MT4	230	200	400	N/A
B	B.40	Drilling Machine	Floor	Automatic	Manual	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	550 x 550	Fixed	610	Yes	Yes	40	M33	9	2.2	MT4	200	175	360	N/A
B	B.50	Drilling Machine	Floor	Automatic	Manual	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	550 x 550	Fixed	710	Yes	Yes	50	M36	9	3	MT4	230	200	400	N/A
B	B.60	Drilling Machine	Floor	Automatic	Manual	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	600 x 600	Fixed	820	Yes	Yes	60	M42	12	4	MT5	260	220	420	N/A
B	B.70	Drilling Machine	Floor	Automatic	Manual	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	600 x 600	Fixed	840	Yes	Yes	70	M50	12	5.5	MT5	260	220	420	N/A
BC	BC.50VE	Drilling Machine	Floor	Automatic	Manual	V-belts / Gears	Mechanical	Column Adj. + Rotate + Tilt	550 x 500	Fixed	760	Yes	Yes	50	M42	Continuous	4	MT4	200	175	360	N/A
C	C.18	Drilling Machine	Floor	Manual	Manual	V-Belt	N/A	Column Adj.	270 x 300	Fixed	260	Yes	Optional	18	M14	10	0.5/1.05	MT3	120	100	250	485
C	C.25	Drilling Machine	Floor	Manual	Manual	V-Belt	N/A	Column Adj.	270 x 300	Fixed	260	Yes	Optional	25	M18	10	0.7/1.3	MT3	120	100	250	485
C	C.30	Drilling Machine	Floor	Manual	Manual	V-Belt	N/A	Column Adj.	270 x 300	Fixed	260	Yes	Optional	30	M25	10	0.9/1.5	MT3	120	100	250	485
G	G.32	Drilling Machine	Floor	Manual	Manual	Gears	N/A	Column Adj. + Rotate	270 x 300	Fixed	360	Optional	Optional	32	M24	8	1.8	MT3	120	100	250	635
G	GP.32	Drilling Machine	Floor	Manual	Automatic	Gears	Mechanical	Column Adj. + Rotate	270 x 300	Fixed	360	Optional	Optional	32	M24	8	2.6	MT3	120	100	250	635
G	GP.40	Drilling Machine	Floor	Manual	Automatic	Gears	Mechanical	Column Adj. + Rotate	400 x 420	Fixed	400	Optional	Optional	40	M30	9	2.2	MT4	150	125	300	885
G	GP.50	Drilling Machine	Floor	Manual	Automatic	Gears	Mechanical	Column Adj. + Rotate + Tilt	480 x 480	Fixed	490	Optional	Optional	50	M35	9	3	MT4	180	150	350	865
S	S.18	Drilling Machine	Bench	Manual	Manual	V-Belt	N/A	Base only	270 x 270	Rotating	190	Yes	No	18	M14	10	0.5/1	MT3	120	100	250	485
S	S.25	Drilling Machine	Bench	Manual	Manual	V-Belt	N/A	Base only	270 x 270	Rotating	190	Yes	No	25	M18	10	0.7/1.3	MT3	120	100	250	485
S	S.30	Drilling Machine	Bench	Manual	Manual	V-Belt	N/A	Base only	270 x 270	Rotating	190	Yes	No	30	M25	10	0.9/1.5	MT3	120	100	250	485
SE	SE.25	Drilling Machine	Bench	Manual	Manual	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	25	M22	8	0.8/1.2	MT3	120	100	250	485
SE	SEA.25	Drilling Machine	Bench	Manual	Automatic	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	25	M22	8	0.8/1.2	MT3	120	100	250	485
SE	SE.30	Drilling Machine	Bench	Manual	Manual	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	30	M25	8	1.1/1.4	MT3	120	100	250	485
SE	SEA.30	Drilling Machine	Bench	Manual	Automatic	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	30	M25	8	1.1/1.4	MT3	120	100	250	485
SH	SH.18	Tapping Machine	Bench	Manual	Automatic	V-Belt	Mechanical	Base only	270 x 270	Rotating	190	Yes	Optional	18	M14	10	1.12	MT3	90	100	250	485
SHE	SHE.25	Tapping Machine	Bench	Manual	Automatic	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	25	M22	8	1.5	MT3	90	100	250	485
SHE	SHE.30	Tapping Machine	Bench	Manual	Automatic	Gears	Mechanical	Base only	270 x 270	Rotating	200	Yes	Optional	30	M25	8	2.2	MT3	90	100	250	485
TS	TS.25	Drilling Machine	Floor	Manual	Manual	Gears	Mechanical	Column Adj. + Rotate	300 x 270	Fixed	250	Yes	Optional	25	M22	8	0.8/1.2	MT3	120	100	250	485
TS	TSA.25	Drilling Machine	Floor	Manual	Automatic	Gears	Electromagnetic	Column Adj. + Rotate	300 x 270	Fixed	250	Yes	Optional	25	M22	8	0.8/1.2	MT3	120	100	250	485
TS	TS.30	Drilling Machine	Floor	Manual	Manual	Gears	Mechanical	Column Adj. + Rotate	300 x 270	Fixed	250	Yes	Optional	30	M25	8	1.1/1.4	MT3	120	100	250	485
TS	TSA.30	Drilling Machine	Floor	Manual	Automatic	Gears	Electromagnetic	Column Adj. + Rotate	300 x 270	Fixed	250	Yes	Optional	30	M25	8	1.1/1.4	MT3	120	100	250	485
TSA-TSE	TSA.40	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	435	Yes	Yes	40	M32	8	1.5	MT4	180	150	350	865
TSA-TSE	TSA.45	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	435	Yes	Yes	45	M35	8	2.2	MT4	180	150	350	865
TSA-TSE	TSE.40	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	435	Yes	Yes	40	M32	8	1.5	MT4	180	150	350	865
TSA-TSE	TSE.45	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	435	Yes	Yes	45	M35	8	2.2	MT4	180	150	350	865
TF	TF.35	Milling Drilling Machine	Floor	Automatic	Manual + Auto Reverse	Gears	Mechanical	Cross Table	360 x 1220	Sliding	910	Yes	Yes	35	M35	16	0.9 / 1.5	MT4	180		390	650
V	V.10	Drilling Machine	Bench	Manual	Manual	V-belt	N/A	Fixed Column Adjustable	300 x 250	Adjustable	44	No	No	12	N/A	Electronic Variable	0.54	B16	60	70	220	245
V	VT.10	Drilling Machine	Bench	Manual	Manual	V-belt	N/A	Fixed Column Adjustable	300 x 250	Adjustable	44	No	No	12	M6	Electronic Variable	0.54	B16	60	70	220	245
V	VT.13	Drilling Machine	Bench	Manual	Manual	V-belt	N/A	Fixed Column Adjustable	300 x 250	Adjustable	62	No	No	15	M10	Electronic Variable	0.54	B16	60	70	220	370
V	VT.15	Drilling Machine	Bench	Manual	Manual	V-belt	N/A	Fixed Column Adjustable	300 x 250	Adjustable	65	No	No	18	M12	Electronic Variable	0.75	CM2	70	70	220	370
V-VP	V.35	Drilling Machine	Floor	Manual	Manual + Auto Reverse	V-belt + electronic variator	Mechanical	Fixed Column Adjustable	400 x 420	Adjustable	345	Optional	Optional	35	M27	Variable 100–2000	2.98	MT4	150	125	300	890
V-VP	VP.35	Drilling Machine	Floor	Automatic	Automatic	V-belt + electronic variator	Mechanical	Fixed Column Adjustable	400 x 420	Adjustable	360	Optional	Optional	35	M27	Variable 100–2000	2.98	MT4	150	125	300	890
X	SX.35	Drilling Machine	Floor	Manual	Manual	Gears	N/A	Fixed Column Adjustable	400 x 420	Fixed	385	Yes	Optional	35	M24	9	1.5	MT4	150	125	300	890
X	AX.35	Drilling Machine	Floor	Automatic	Automatic	Gears	Mechanical	Fixed Column Adjustable	400 x 420	Fixed	400	Yes	Optional	35	M24	9	1.5	MT4	150	125	300	890
X	BX.35	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Fixed Column Adjustable	400 x 420	Fixed	410	Yes	Optional	35	M24	9	1.5	MT4	150	125	300	890
X	SX.40	Drilling Machine	Floor	Manual	Manual	Gears	N/A	Column Adj. + Rotate + Tilt	480 x 480	Fixed	475	Yes	Yes	40	M33	9	2.2	MT4	175	150	350	880
X	AX.40	Drilling Machine	Floor	Automatic	Automatic	Gears	Mechanical	Column Adj. + Rotate + Tilt	480 x 480	Fixed	490	Yes	Yes	40	M33	9	2.2	MT4	175	150	350	880
X	BX.40	Drilling Machine	Floor	Automatic	Automatic	Gears	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	500	Yes	Yes	40	M33	9	2.2	MT4	175	150	350	880
Z	SZ.35	Drilling Machine	Floor	Manual	Manual + Auto Reverse	V-belt + electronic variator	N/A	Fixed Column Adjustable	400 x 420	Fixed	345	Yes	Optional	35	M27	Variable	3	MT4	150	125	300	890
Z	AZ.35	Drilling Machine	Floor	Automatic	Automatic	V-belt + electronic variator	Mechanical	Fixed Column Adjustable	400 x 420	Fixed	360	Yes	Optional	35	M27	Variable	3	MT4	150	125	300	890
Z	BZ.35	Drilling Machine	Floor	Automatic	Automatic	V-belt + electronic variator	Electromagnetic	Fixed Column Adjustable	400 x 420	Fixed	370	Yes	Optional	35	M27	Variable	3	MT4	150	125	300	890

ERLO DRILLING SYSTEMS

The WORKSHOP PRESS Company

Category	Model	Descr.	Floor / Bench	Drilling Feed	Tapping Feed	Drive	Clutch	Table	Table Size	Headstock	Weight (Kg)	Lighting	Coolant	Drilling (Ø mm)	Tapping	Speeds	Motor (kw)	Taper	Stroke (mm)	Column (Ø mm)	Throat Depth	Spindle to Table Max (mm)
Z	SZ.40	Drilling Machine	Floor	Manual	Manual + Auto Reverse	V-belt + electronic variator	N/A	Column Adj. + Rotate + Tilt	480 x 480	Fixed	445	Yes	Yes	40	M33	Variable	4.12	MT4	175	150	350	880
Z	AZ.40	Drilling Machine	Floor	Automatic	Automatic	V-belt + electronic variator	Mechanical	Column Adj. + Rotate + Tilt	480 x 480	Fixed	460	Yes	Yes	40	M33	Variable	4.12	MT4	175	150	350	880
Z	BZ.40	Drilling Machine	Floor	Automatic	Automatic	V-belt + electronic variator	Electromagnetic	Column Adj. + Rotate + Tilt	480 x 480	Fixed	470	Yes	Yes	40	M33	Variable	4.12	MT4	175	150	350	880

FEATURES EXPLANATION

Drilling Feed

Manual – Spindle feed controlled directly by the operator.

Automatic – Operator engages the automatic feed and the machine advances the spindle at a preset feed rate.

Tapping Feed

Manual – Tap is fed and reversed manually by the operator.

Manual + Auto Reverse – Tap is fed manually but the spindle automatically reverses at the preset depth.

Automatic – Operator engages automatic tapping feed; the machine feeds the tap and reverses the spindle at the preset depth.

Drive

V-Belt – Spindle driven by belt transmission.

V-Belt + Variator – Belt drive with electronic speed variation.

Gears – Spindle driven through a geared transmission.

V-Belts / Gears – Combined belt and gear transmission system.

Clutch

Mechanical – Automatic feed engaged through a mechanical clutch system.

Electromagnetic – Automatic feed engaged through an electromagnetic clutch.

N/A – No clutch system (manual feed only).

SELECTION GUIDANCE

Capacity / Material

- **Capacity** +30% of requirement
- **Capacity** +40% for harder materials

Drilling Feed

- **Manual** – operator controls spindle feed; maintenance / varied work
- **Automatic** – operator engages feed; repetitive / production drilling

Tapping Feed

- **Manual** – manual feed and reverse; occasional tapping
- **Manual + Auto Reverse** – manual feed / automatic reverse; safer manual tapping
- **Automatic** – automatic feed and reverse; repetitive / production tapping

Drive Mechanism

- **V-Belt** – light / general drilling
- **V-Belt + Variator** – variable speed work
- **Gears** – higher torque / larger drills

Clutch Mechanism

- **Mechanical** – robust, simple engagement; general drilling and tapping
- **Electromagnetic** – smoother engagement; repetitive production drilling
- **N/A** – manual feed machines (operator controlled feed)

Common Models

S.25	General Purpose Workshop Drill
V.35	General Purpose Workshop Drill with Tapping
AX.35	Production Drill
BX.35	Production Drill – Electromagnetic Clutch
B.40	Heavy Duty Production Drill