

Product Brochure For L555D

Centre Lathe - AL-346V

Ø330 x 1000mm Turning Capacity - Ø40mm Spindle Bore
Includes Digital Readout System, Quick Change Toolpost & Electronic Variable Speed With Digital Display

Back In Stock Soon

Ex GST

Inc GST

\$8,772.00

\$10,087.80



ORDER CODE:	L555D
MODEL:	AL-346V
Swing Over Bed (mm):	330
Distance Between Centres (mm):	1000
Spindle Bore (mm):	40
Swing In Gap (mm):	450
Swing Over Cross-slide (mm):	200
Digital Readout System Fitted:	Yes
Quick Change Toolpost Fitted:	Yes
Leadscrew Covers Fitted:	Yes
Taper Turning Attachment:	~
Coolant System:	Yes
Tool Height To Suit (mm):	16
Centre Height (mm):	165
Spindle Nose Size or Type:	D1-4 Camlock
Bed Width (mm):	181
Headstock Spindle Taper (MT):	5
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	160
Compound Slide Travel (mm):	85
Leadscrew Type:	Metric
Metric Cross Feed (X-Axis) (mm/rev):	0.013 - 0.31
Imperial Cross Feed (X-Axis) (inch/rev):	~
Metric Longitudinal Feed (Z-Axis) (mm/rev):	0.053 - 1.29
Imperial Longitudinal Feed (Z-Axis) (inch/rev):	~
Metric Thread Steps & Pitch (No. / mm):	32 (0.4 - 7)
Imperial Thread Steps & TPI (No. / TPI):	36 (4-60)
3 Jaw Chuck Diameter (mm):	160
4 Jaw Chuck Diameter (mm):	200
Spindle Steps / Speeds (No. / rpm):	Variable (70 - 2000)
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	610

Features

- 2 Axis digital readout system
 - Quick change toolpost with 4 holders
 - Concertina leadscrew cover
 - Electronic infinitely variable inverter spindle speed with digital display
 - Gear drive headstock for quick change of spindle speeds
 - Precision 'V'-beds are hardened and ground, incorporating a rigid webbed casting
 - Adjustable spindle bore bar support mechanism
 - Slide out swarf tray with handle
 - Headstock protection rubber matt
 - Low voltage LED work light
 - Foot operated cut out safety switch for electric motor
 - Slide out front swarf tray for easy cleaning
 - Change gears for metric and imperial thread cutting
 - Oil sight glass for head stock and gearbox
 - Adjustable taper roller bearings support the spindle
 - Inching button is incorporated on the control panel for convenient spindle speed selection
 - Enclosed quick action gearbox for thread cutting and auto feeding
 - Powered longitudinal and cross feeds
- D1-4 camlock spindle for quick chuck changes and safe reverse-direction turning. ISO standard

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- Removable gap bed-way for larger diameter jobs
- Dual calibrated dials (except for saddle hand-wheel)
- Chuck & change gear guards are fitted with micro switches
- Coolant system with flexible hose

Includes

- 2 Axis digital readout system
- Concertina leadscrew covers
- Slide out front swarf tray
- Quick change tool-post with 4 holders
- 160mm 3-jaw chuck with reverse jaws
- 200mm 4-jaw chuck
- Face plate
- Fixed steady
- Travelling steady
- Change gears
- Dead centres
- Thread-chasing dial
- LED work light
- Rear splash guard & swarf tray
- Tool box
- Instruction booklet

Specific Features



Left View



Variable Speed Control with Digital Speed Display



2 Axis Digital Readout



Headstock Controls



Spindle Speed High Low Lever

Position	B5	B4	C4	C3	C2	A4	D2	E4	A2	E2
0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

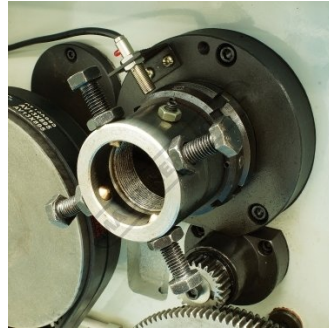
Metric Feed and Thread Chart

Imperial		Metric	
Position	A2	A3	C3
2	24	24	24
4	48	48	48
8	96	96	96
16	192	192	192
32	384	384	384
48	576	576	576
64	768	768	768
80	960	960	960
96	1152	1152	1152
112	1344	1344	1344
128	1536	1536	1536
144	1728	1728	1728
160	1920	1920	1920
176	2112	2112	2112
192	2304	2304	2304
208	2496	2496	2496
224	2688	2688	2688
240	2880	2880	2880
256	3072	3072	3072
272	3264	3264	3264
288	3456	3456	3456
304	3648	3648	3648
320	3840	3840	3840
336	4032	4032	4032
352	4224	4224	4224
368	4416	4416	4416
384	4608	4608	4608
400	4800	4800	4800
416	4992	4992	4992
432	5184	5184	5184
448	5376	5376	5376
464	5568	5568	5568
480	5760	5760	5760
496	5952	5952	5952
512	6144	6144	6144
528	6336	6336	6336
544	6528	6528	6528
560	6720	6720	6720
576	6912	6912	6912
592	7104	7104	7104
608	7296	7296	7296
624	7488	7488	7488
640	7680	7680	7680
656	7872	7872	7872
672	8064	8064	8064
688	8256	8256	8256
704	8448	8448	8448
720	8640	8640	8640
736	8832	8832	8832
752	9024	9024	9024
768	9216	9216	9216
784	9408	9408	9408
800	9600	9600	9600
816	9792	9792	9792
832	9984	9984	9984
848	10176	10176	10176
864	10368	10368	10368
880	10560	10560	10560
896	10752	10752	10752
912	10944	10944	10944
928	11136	11136	11136
944	11328	11328	11328
960	11520	11520	11520
976	11712	11712	11712
992	11904	11904	11904
1008	12096	12096	12096
1024	12288	12288	12288
1040	12480	12480	12480
1056	12672	12672	12672
1072	12864	12864	12864
1088	13056	13056	13056
1104	13248	13248	13248
1120	13440	13440	13440
1136	13632	13632	13632
1152	13824	13824	13824
1168	14016	14016	14016
1184	14208	14208	14208
1200	14400	14400	14400
1216	14592	14592	14592
1232	14784	14784	14784
1248	14976	14976	14976
1264	15168	15168	15168
1280	15360	15360	15360
1296	15552	15552	15552
1312	15744	15744	15744
1328	15936	15936	15936
1344	16128	16128	16128
1360	16320	16320	16320
1376	16512	16512	16512
1392	16704	16704	16704
1408	16896	16896	16896
1424	17088	17088	17088
1440	17280	17280	17280
1456	17472	17472	17472
1472	17664	17664	17664
1488	17856	17856	17856
1504	18048	18048	18048
1520	18240	18240	18240
1536	18432	18432	18432
1552	18624	18624	18624
1568	18816	18816	18816
1584	19008	19008	19008
1600	19200	19200	19200
1616	19392	19392	19392
1632	19584	19584	19584
1648	19776	19776	19776
1664	19968	19968	19968
1680	20160	20160	20160
1696	20352	20352	20352
1712	20544	20544	20544
1728	20736	20736	20736
1744	20928	20928	20928
1760	21120	21120	21120
1776	21312	21312	21312
1792	21504	21504	21504
1808	21696	21696	21696
1824	21888	21888	21888
1840	22080	22080	22080
1856	22272	22272	22272
1872	22464	22464	22464
1888	22656	22656	22656
1904	22848	22848	22848
1920	23040	23040	23040
1936	23232	23232	23232
1952	23424	23424	23424
1968	23616	23616	23616
1984	23808	23808	23808
2000	24000	24000	24000
2016	24192	24192	24192
2032	24384	24384	24384
2048	24576	24576	24576
2064	24768	24768	24768
2080	24960	24960	24960
2096	25152	25152	25152
2112	25344	25344	25344
2128	25536	25536	25536
2144	25728	25728	25728
2160	25920	25920	25920
2176	26112	26112	26112
2192	26304	26304	26304
2208	26496	26496	26496
2224	26688	26688	26688
2240	26880	26880	26880
2256	27072	27072	27072
2272	27264	27264	27264
2288	27456	27456	27456
2304	27648	27648	27648
2320	27840	27840	27840
2336	28032	28032	28032
2352	28224	28224	28224
2368	28416	28416	28416
2384	28608	28608	28608
2400	28800	28800	28800
2416	28992	28992	28992
2432	29184	29184	29184
2448	29376	29376	29376
2464	29568	29568	29568
2480	29760	29760	29760
2496	29952	29952	29952
2512	30144	30144	30144
2528	30336	30336	30336
2544	30528	30528	30528
2560	30720	30720	30720
2576	30912	30912	30912
2592	31104	31104	31104
2608	31296	31296	31296
2624	31488	31488	31488
2640	31680	31680	31680
2656	31872	31872	31872
2672	32064	32064	32064
2688	32256	32256	32256
2704	32448	32448	32448
2720	32640	32640	32640
2736	32832	32832	32832
2752	33024	33024	33024
2768	33216	33216	33216
2784	33408	33408	33408
2800	33600	33600	33600
2816	33792	33792	33792
2832	33984	33984	33984
2848	34176	34176	34176
2864	34368	34368	

Product Brochure For L555D



Safety Chuck Guard



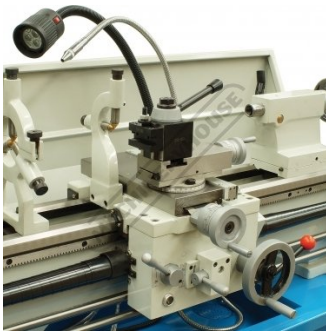
40mm Spindle Bore with Material Support System



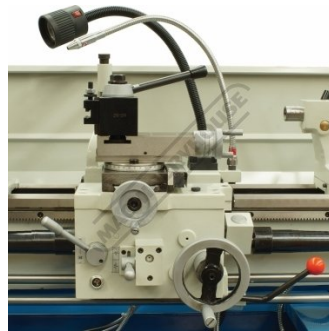
160mm 3 Jaw Chuck



Quick Change Toolpost with 4 Holders



Saddle Left View



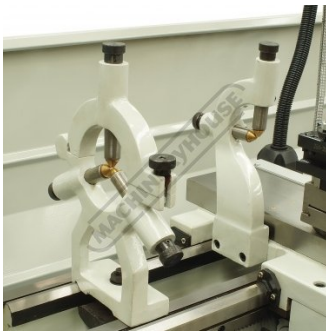
Saddle Front View



Saddle Right View



Worklight and Coolant Hose



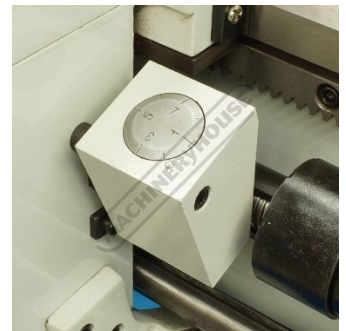
Fixed and Travelling Steadies



Compound Slide



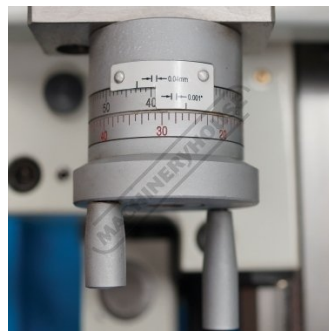
Swivel Compound Slide



Thread Chasing Dial



Forward Reverse Spindle Lever



Cross Slide Hand Wheel

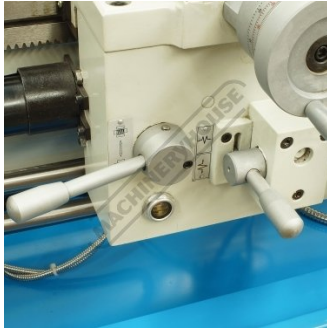


Compound Slide Hand Wheel



Saddle Hand Wheel

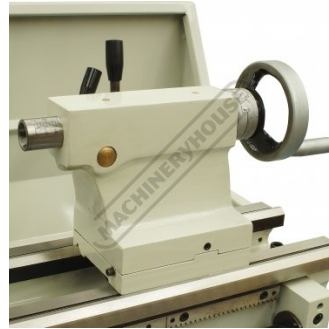
Product Brochure For L555D



Feed & Thread Engagement Levers



Leadscrew Covers



Tailstock



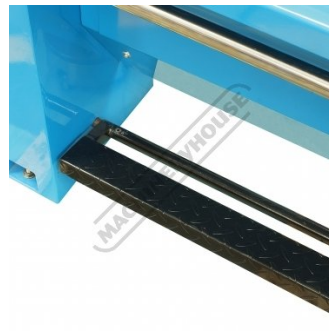
Tailstock Quill



Tailstock Hand Wheel



Tailstock Horizontal Adjustment



Footbrake



Slide Out Swarf Tray



Induction Hardened Bedways

Product Brochure For L555D

Recommended Accessories

M002

Steel Machine Mount & Rubber Insert



C980

5C Collet Lathe Adaptor



L277

Vertical Mill Slide



L017

Right Hand Turning Tool Holder



L018

Left Hand Turning Tool Holder



L044

Right Hand Turning Tool Holder



L045

Left Hand Turning Tool Holder



L0077

Lathe Turning Tool Kit - 7 piece Insert Type



Product Brochure For L555D

L451
Lathe Turning Tool Kit - 3 piece
Insert Type



L465
Professional Lathe Parting Tool
Kit - Insert Type



L457
Lathe Threading Tool Kit - Insert
Type



L076
Knurling Tool Holder Kit



C052
3MT Live Centre



C045
3MT Pipe Centre - 70° Cone



C290
Heavy Duty Drill Chuck - Keyed
Type



C294
Industrial Drill Chuck - Keyless
Type



D443A
3MT x JT3 Drill Chuck Arbor



D1272
Metric 135° Precision HSS Drill
Set - 25 Piece



D1282
Imperial 135° Precision HSS
Drill Set - 29 Piece



D126
Metric 135° Precision HSS Drill
Set - 170 Pieces



Product Brochure For L555D

S090A
Soluble Metal Cutting Fluid - 1 Litre



S090
Soluble Metal Cutting Fluid - 5 Litre



S076
Cutting Tool Lubricant Fluid - 500ml



S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S074
Cutting Tool Lubricant Paste - 500g



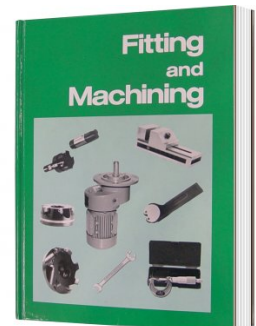
G660
Lathe Leadscrew Cover Kit



G659
Lathe Leadscrew Cover Kit - Concertina



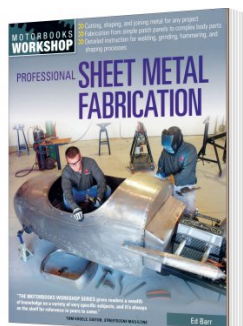
L341
Fitting and Machining Technical Book



L345
Handy Workshop Tips & Techniques - 1st Edition



L3455
Professional Sheet Metal Fabrication Book



L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper

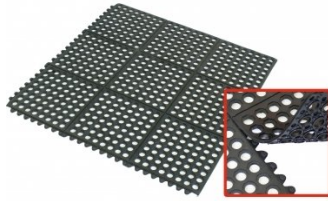


Product Brochure For L555D

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O044
Rust & Corrosion Preventive

