

Product Brochure For L159

Lathe & Mill Drill Combination - AL-280P

400 x 409mm



ORDER CODE:	L159
MODEL:	AL-280P
KIT Includes:	~
Lathe Specifications:	LATHE SPECIFICATIONS
Tool Height To Suit (mm):	12
Distance Between Centres (mm):	409
Swing Over Bed (mm):	400
Swing Over Cross Slide (mm):	300
Centre Height (mm):	200
Spindle Bore (mm):	20
Spindle Nose Type:	Fixed
Bed Width (mm):	140
Headstock Taper (MT):	~
Tailstock Taper (MT):	3
Cross Slide Travel (mm):	115
Compound Slide Travel (mm):	85
Leadscrew:	Metric
Longitudinal Feed (Z-Axis) (mm/rev):	0.05 - 0.17
Cross Feed (X-Axis):	~
Metric Thread Range (mm):	0.2 - 3.0
Imperial Thread Range (TPI):	8-120
Three Jaw Chuck Size (mm):	100
Four Jaw Chuck Size:	Optional
Spindle Speeds (No. / rpm):	7 (160 - 1360)
Motor Power - Lathe (kW / hp):	0.55 / 0.75
Voltage / Amperage - Lathe (V / amp):	240 / 10
Mill Specifications:	MILL SPECIFICATIONS
Spindle Taper (MT):	3
Column Type:	Fixed
Swivel Head (Left ~ Right) (± Deg):	~
Vertical Travel (Z-Axis) (mm):	Fixed
Drilling Capacity (mm):	13
End Milling Capacity (mm):	13
Face Milling Capacity (mm):	25
Spindle Speeds Vertical (No. / rpm):	14 (125 - 1190)
Motor Power - Mill (kW / hp):	0.55 / 0.75
Voltage / Amperage - Mill (V / amp):	240 / 10
Nett Weight (kg):	220

Features

- Ideal for either the home hobby, or light engineering workshop
- The drill head swings 90° in both directions and has 14 spindle speeds
- Fine micro down feed is incorporated for milling operations
- Quick action spindle engage system transferring drive from lathe to mill
- Milling vice incorporated within compound slide
- Metric and imperial screw cutting
- Power long feed on saddle
- 3MT spindle and tailstock
- Chuck guards for lathe and drill chuck
- Sheet metal leadscrew cover

Includes

- 3-jaw chuck
- 4-jaw chuck back plate
- Dead centre
- Keyed drill chuck & arbor
- Set of change gears & toolbox

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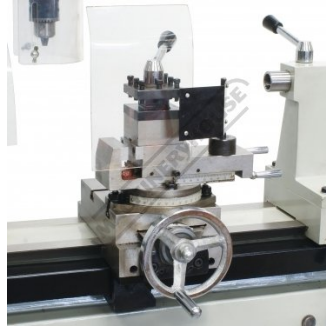
Specific Features



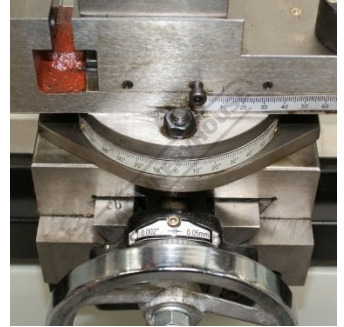
Tailstock



Longitudinal Feed Handle



Saddle



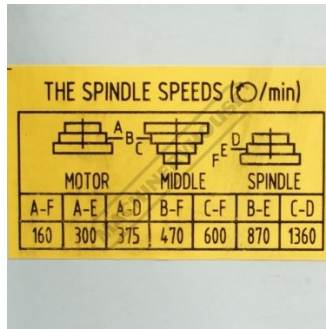
Swivel Compound Vice



Auto Feed Engagement Lever



Thread Selection Lever



Lathe Spindle Speeds



Control Panel



Thread and Feed Chart



Belt and Gearbox Drive System



Swivel Drill Head Lock Lever



Lathe or Drill Engagement



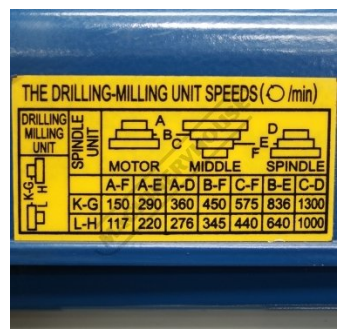
Drill and Mill Head



Quill Lever with Fine Adjustment



Quill Graduations



Drill Mill Spindle Speeds

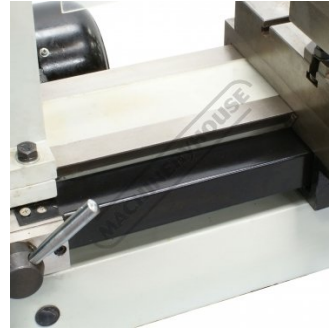
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Drill Chuck Guard



Lathe Chuck Guard



Leadscrew Cover

Recommended Accessories

L0099

Lathe Turning Tool Kit - 7 piece
 Insert Type



L450

Lathe Turning Tool Kit - 3 piece
 Insert Type



L456

Lathe Threading Tool Kit - Insert
 Type



L464

Professional Lathe Parting Tool
 Kit - Insert Type



L280

Quick Change Toolpost



L280A

Quick Change Toolpost Holder -
 Std



C289

Heavy Duty Drill Chuck - Keyed
 Type



D443

3MT x JT6 Drill Chuck Arbor

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L079
 Knurling Tool Holder



C052
 3MT Live Centre



P235
 Coolant Pump & Tank



D1272
 Metric 135° Precision HSS Drill Set - 25 Piece



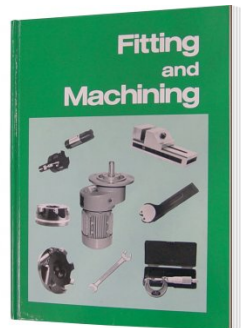
D1282
 Imperial 135° Precision HSS Drill Set - 29 Piece



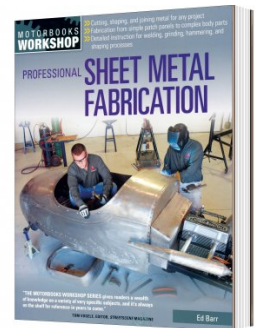
D126
 Metric 135° Precision HSS Drill Set - 170 Pieces



L341
 Fitting and Machining Technical Book



L3455
 Professional Sheet Metal Fabrication Book



L300
 Magnetic Swarf Remover



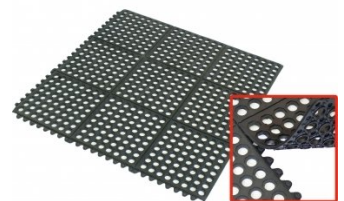
M9991
 Magnetic Floor Sweeper



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



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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



S075
 Cutting Tool Lubricant Paste - 200g



S074
 Cutting Tool Lubricant Paste - 500g



O000
 SpillFix Universal Organic Absorbent



O043
 Rust & Corrosion Preventive



O042
 General Purpose Lubricant & Corrosion Inhibitor



O040
 Rust & Corrosion Preventive



O044
 Rust & Corrosion Preventive

