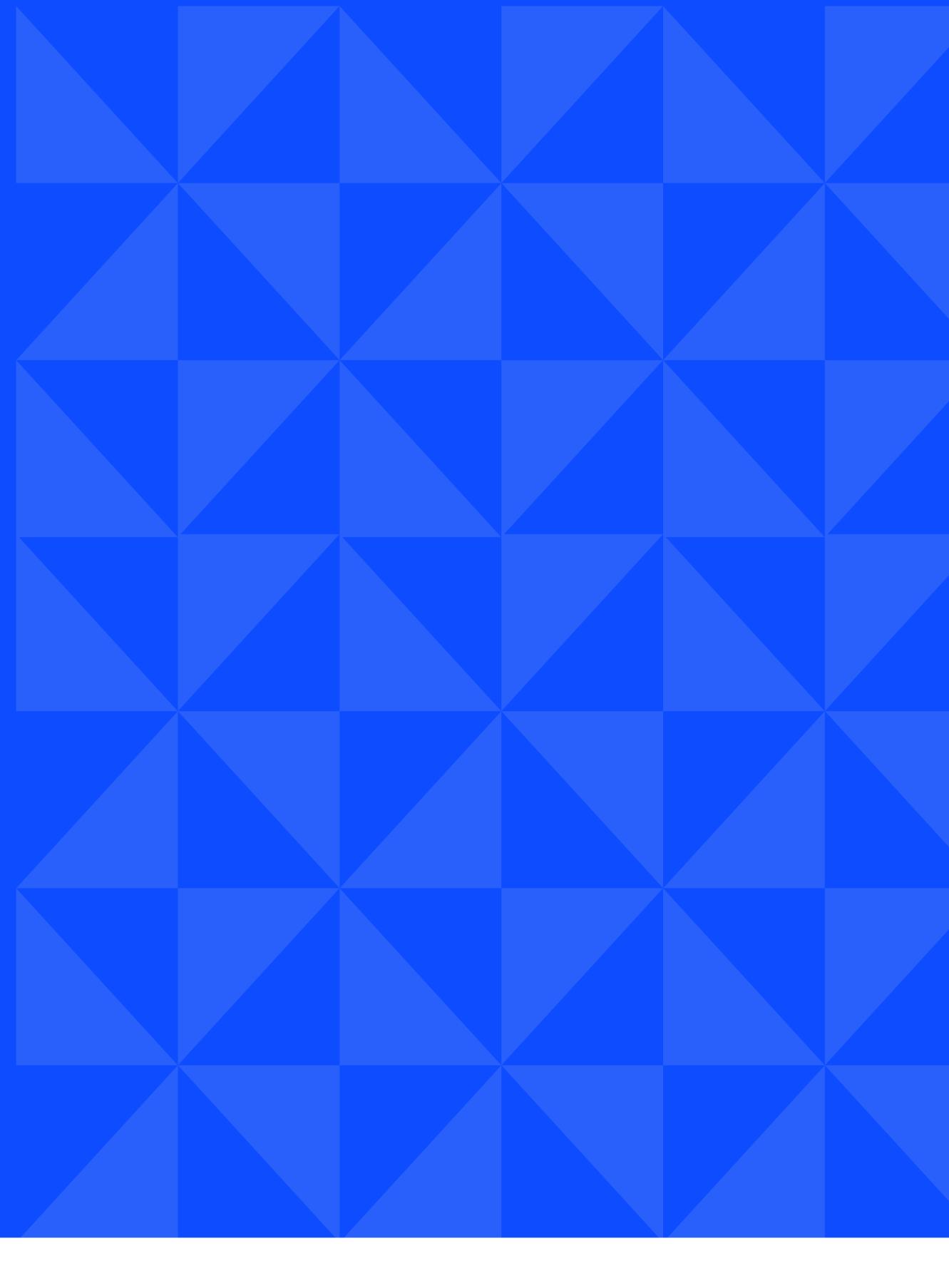


Air Tools Product Synopsis





Air Tool Specifications 1/2

Part Number	Product Name	Speed
		rpm
BLM16L	BELT SANDER	16,000
RA1150-115-M14	ANGLE GRINDER SANDER	12,000
RA1150-125-5/8	ANGLE GRINDER SANDER	12,000
RA1150-125-5/8	ANGLE GRINDER SANDER	12,000
RA1150-125-M14	ANGLE GRINDER SANDER	12,000
RA12M-100	ANGLE GRINDER	12,000
RA12M-100A	ANGLE GRINDER	12,000
RA12M-115	ANGLE GRINDER	12,000
RA12M-115A	ANGLE GRINDER	12,000
RA12M-B	ANGLE GRINDER	12,000
RA12M-C	ANGLE GRINDER	12,000
RA1650-115A	HIGH POWER ANGLE GRINDER	12,000
RA1650-125A	HIGH POWER ANGLE GRINDER	12,000
RA1650-SM14A	HIGH POWER ANGLE SANDER	12,000
RA1650-S58A	HIGH POWER ANGLE SANDER	12,000
RA5	LOW SPEED ANGLE SANDER	5,500
RA6 AVH	LARGE ANGLE GRINDER	6,500
RA8 AVH	LARGE ANGLE GRINDER	8,500
RALM20LR	BELT SANDER	20,000
RAM10LR	SMALL ANGLE SANDER	12,000
RAM16L	SMALL ANGLE SANDER	16,000
RAM20LR	SMALL ANGLE SANDERS	20,000
RAMX13LR	EXTENDED RIGHT ANGLE SANDER	13,000
RPM25R	SMALL ANGLE SANDER	25,000
SDM26L	STRAIGHT DIE GRINDER	25,000
SDM26LR	STRAIGHT DIE GRINDER	25,000
SDM30L	STRAIGHT DIE GRINDER	30,000
SDM30LR	STRAIGHT DIE GRINDER	30,000

TECHNICAL DATA

Power		Weight		Declared Vibration Level	Uncertainty K	Noise Level
hp	Watts	Kg	lb	m/s²	m/s²	dbA
0.50	375	1.30	2.86	1.59	0.53	73
1.50	1150	2.01	4.43	7.50	1.20	91
1.50	1150	2.01	4.43	7.50	1.20	91
1.50	1150	2.01	4.43	7.50	1.20	91
1.50	1150	2.01	4.43	7.50	1.20	91
0.90	675	1.81	3.99	5.97	1.57	77
0.90	675	1.81	3.99	2.92	1.02	77
0.90	675	1.81	3.99	5.85	1.48	77
0.90	675	1.81	3.99	2.78	1.07	77
0.90	675	1.19	2.62	3.29	1.15	77
0.90	675	1.19	2.62	3.61	1.63	77
2.20	1650	2.11	4.64	5.63	0.37	91
2.20	1650	2.11	4.64	5.63	0.37	91
2.20	1650	1.92	4.22	3.00	0.20	91
2.20	1650	1.92	4.22	3.00	0.20	91
1.10	820	2.75	6.05	1.25	N/A	69
2.00	1500	3.50	7.70	5.33	1.35	79
2.00	1500	3.50	7.70	5.33	1.35	79
0.40	300	0.86	1.89	1.73	N/A	74
0.40	300	0.59	1.30	2.51	1.50	74
0.50	370	1.30	2.86	4.41	1.65	73
0.40	300	0.59	1.30	2.58	1.45	75
1.10	820	1.30	2.86	2.26	N/A	76
0.11	85	0.23	0.51	3.86	1.88	69
0.40	300	0.52	1.14	3.14	1.31	73
0.40	300	0.52	1.14	3.14	1.31	72
0.40	300	0.52	1.14	3.11	1.30	73
0.40	300	0.52	1.14	3.11	1.30	73



Air Consumption
cfm
21.19
40.00
40.00
40.00
40.00
25.07
25.07
25.07
25.07
21.90
21.90
35.00
35.00
35.00
35.00
32.49
67.09
67.09
20.13
20.13
21.19
20.13
21.90
8.12
20.13
20.13
20.13
20.13



Air Tool Specifications 2/2

Part Number Product Name		Speed
		rpm
SDM37L	STRAIGHT DIE GRINDER	37,000
SDM37LR	STRAIGHT DIE GRINDER	37,000
SHG18LR	EXTENDED STRAIGHT DIE GRINDER	18,000
SM12KL	HIGH POWER DIE GRINDER	12,000
SM12KLR	HIGH POWER DIE GRINDER	12,000
SM16KL	HIGH POWER DIE GRINDER	16,000
SM16KLR	HIGH POWER DIE GRINDER	16,000
SM25KL	HIGH POWER DIE GRINDER	25,000
SM25KLR	HIGH POWER DIE GRINDER	25,000
SMD18KLR	LOW VIBRATION DIE GRINDER	18,000
SMD25KLR	LOW VIBRATION DIE GRINDER	25,000
SMD30LR	LOW VIBRATION DIE GRINDER	30,000
SMX05KLR	EXTENDED STRAIGHT DIE GRINDER	5,000
SMX12KL	EXTENDED STRAIGHT DIE GRINDER	12,000
SMX12KLR	EXTENDED STRAIGHT DIE GRINDER	12,000
SMX16KL	EXTENDED STRAIGHT DIE GRINDER	16,000
SMX16KLR	EXTENDED STRAIGHT DIE GRINDER	16,000
SMX25KL	EXTENDED STRAIGHT DIE GRINDER	25,000
SMX25KLR	EXTENDED STRAIGHT DIE GRINDER	25,000
SPM45R	PENCIL GRINDER	45,000
SPM60R	PENCIL GRINDER	60,000
SPM80R	PENCIL GRINDER	80,000
SPT100R	PENCIL GRINDER	100,000
SPT80R	PENCIL GRINDER	80,000
ST100	TURBINE PENCIL GRINDER	100,000
SXM12KLR	EXTENDED STRAIGHT DIE GRINDER	12,000
SXM16KLR	EXTENDED STRAIGHT DIE GRINDER	16,000
SXM25KLR	EXTENDED STRAIGHT DIE GRINDER	25,000

TECHNICAL DATA

Power		Weight		Declared Vibration Level	Uncertainty K	Noise Level
hp	Watts	Kg	lb	m/s²	m/s²	dbA
0.40	300	0.52	1.14	3.17	1.31	75
0.40	300	0.52	1.14	3.17	1.31	74
1.50	1120	2.50	5.50	2.39	N/A	70
1.10	820	0.73	1.60	2.99	1.29	74
1.10	820	0.73	1.60	2.99	1.29	74
1.10	820	0.73	1.60	3.49	1.34	77
1.10	820	0.73	1.60	3.49	1.34	75
1.10	820	0.73	1.60	3.21	1.31	78
1.10	820	0.73	1.60	3.21	1.31	77
1.10	820	0.88	1.93	2.31	N/A	75
1.10	820	0.88	1.93	2.27	N/A	77
0.42	310	0.32	0.71	2.68	1.28	75
1.10	820	1.58	3.47	1.77	N/A	75
1.10	820	1.24	2.73	2.84	1.29	74
1.10	820	1.30	2.85	2.84	1.29	74
1.10	820	1.24	2.73	3.19	1.31	77
1.10	820	1.30	2.85	3.19	1.31	75
1.10	820	1.24	2.73	3.48	1.31	78
1.10	820	1.30	2.85	3.48	1.31	77
0.11	85	0.17	0.38	2.46	N/A	68
0.11	85	0.17	0.38	1.92	N/A	68
0.10	80	0.17	0.38	1.72	N/A	66
0.08	63	0.15	0.33	1.13	N/A	70
0.08	63	0.15	0.33	1.98	N/A	68
0.06	40	0.24	0.53	0.95	N/A	62
1.10	820	1.09	2.40	1.70	N/A	74
1.10	820	1.09	2.40	2.67	1.67	75
1.10	820	1.09	2.40	2.67	1.67	77



Air

Consumption

cfm

20.13

20.13

39.90

11.00

11.00

16.00

16.00

35.00

35.00

20.00

35.00

12.50

18.00

11.00

11.00

16.00

16.00

35.00

35.00

8.00

8.00

7.00

6.00

7.00

6.00

11.00

16.00

35.00

SPT Oil Free Pencil Grinder Unique 100,000rpm or 80,000rpm Oil Free Pencil Grinders

Features & Benefits

- **Oil free –** no contamination of workpiece
- Unique motor design less friction, no wear parts in motor
- 100,000rpm or 80,000rpm results in a finer finish
- High precision steel bearings offers extended service life
- Stainless steel construction no corrosion to components

Tool Specification

- Speed:
- 100,000 or 80,000rpm
- Power:
 - 63W 0.15kg
- Weight: 3mm
- Collet: Roll
- Throttle:

Industries

- Aerospace
- Mold & Die

Applications

Precision finishing with 3mm head diameter miniature burs and mounted points.







Future Focus Precision Engineering

ST100 Oil Free Turbine Grinder 100,000rpm Oil Free Turbine Pencil Grinder

Features & Benefits

- **Oil free –** no contamination of workpiece
- Small diameter facilitates precise control
- **High speed –** results in a finer finish
- Ergo sleeve fitted for operator comfort
- Improved throttle design results in enhanced torque

Tool Specification

- Speed:
- 100,000rpm
- Power: 40W
- Weight:
- 0.24kg 3mm
- Collet: • Throttle:
- Roll

Industries

- Aerospace
- Mold & Die
- Foundry

Applications

Precision deburring & finishing.







SPM Pencil Grinder 80,000, 60,000 & 45,000rpm Pencil Grinders

Features & Benefits

- Slim design ideal for intricate work
- Small diameter facilitates precise control
- Range of speed options suitable for a range of consumables
- Removable collet guard for improved control and spindle protection
- Improved throttle design results in enhanced torque
- Moulded body improved operator comfort

Tool Specification

80,000rpm (SPM80R) • Speed: 60,000rpm (SPM60R) 45,000rpm (SPM45R) 80W (SPM80R) • Power: 85W (SPM60R) 85W (SPM45) • Weight: 0.17kg • Collet: 3mm • Throttle: Roll

Industries

- Aerospace
- Mold & Die
- Foundry

Applications

Precision deburring & finishing.







RPM Pencil Grinder/Sander 25,000rpm Right Angle Pencil Grinder and Sander

Features & Benefits

- Slim design ideal for intricate work
- Small diameter facilitates precise control
- Small angle head ideal for restricted access
- Improved throttle design results in enhanced torque
- Moulded body improved operator comfort

Tool Specification

- Speed:
- 25,000rpm
- Power:
- Weight:
- Collet: 3n
- Throttle:
- 3mm Roll

0.23kg

85W

Industries

- Aerospace
- Mold & Die
- Foundry

Applications

Suitable for miniature burs and ATA QCD (20mm, 25mm & 38mm), for precision deburring and finishing.



SDM High Speed Die Grinder 37,000, 30,000 & 25,000rpm Die Grinders

Features & Benefits

- Excellent power to weight ratio increased productivity
- Moulded sleeve fitted for operator comfort
- Additional collet options suits a range of shank diameters
- One handed operation suitable for general deburring and finishing
- **Compact design –** for light to medium duty applications
- **Exhaust options –** either front or rear exhaust options

Tool Specification

• Speed:

• Power:

- 37,000, 30,000 or 25,000rpm 300W
- 0.52kg • Weight:
- Collet: 6mm
- Throttle: Lever

Industries

- Foundry
- Aerospace
- Mold & Die
- Fabrication

Applications

A wide range of deburring and finishing applications with use of burs and mounted points. Ensure that speed of the tool does not exceed the max speed of the consumable.



Future Focus Precision Engineering

SMD3OLR Die Grinder 30,000rpm Low Vibration Die Grinder

Features & Benefits

- Front vibration dampening system
 absorbs process and consumable vibration
- New motor design improved power to weight ratio
- Moulded body design improved aesthetics, ergonomics and insulation
- Lightweight design results in improved operator comfort
- **Rear exhaust** offers reduced noise

Tool Specification

- Speed:
- 30,000rpm

0.32kg

Lever

- Power: 310W
- Weight:
- Collet: 6mm
- Throttle:
- Exhaust: Rear

Industries

- Shipbuilding
- Foundry
- Aerospace
- Mold & Die
- Fabrication

Applications

Ideally suited to 6mm shank burs with head diameter ≤12mm.



SMK Die Grinder High Powered Die Grinders

Features & Benefits

- Motor design increased power
- Excellent power to weight ratio compact, high power
- Moulded body design improved aesthetics & insulation
- Lever design improved operator comfort
- Exhaust options either front or rear exhaust options

Tool Specification

- Speed:
- 25,000, 16,000 or 12,000rpm 820W
- Power:
- 0.75kg • Weight:
- Collet: 6mm
- Throttle: Lever





applications with use of burs and abrasive flap wheels.

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SMDK Low Vibration Die Grinder

Vibration Dampening, High Powered Straight Die Grinders

Features & Benefits

- Front vibration dampening system absorbs process and consumable vibration
- Moulded body design improved aesthetics and insulation
- Lever design offers improved operator comfort
- Motor design results in increased power
- **Rear exhaust** reduced noise

Tool Specification

- 25,000, or 18,000rpm • Speed:
- 820W • Power:
- 0.80kg • Weight:
- Collet: 6mm
- Throttle: Lever



- Mold & Die
- Fabrication

Applications

Designed for use with carbide burs.



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SMXK Extended Body Die Grinder

High Powered Extended Body Die Grinders

Features & Benefits

- Motor design increased power
- Moulded body design improved aesthetics and insulation
- Lever design improved operator comfort
- Extended body for two handed operation
- Exhaust options either front or rear exhaust options

Tool Specification

1.3kg

- Speed:
- 25,000, 16,000 or 12,000rpm 820W
- Power:
- Weight:
- Collet: 6mm
- Throttle: Lever



Industries

- Foundry
- Automotive
- Mold & Die
- Fabrication

Applications

A wide range of deburring and finishing applications with use of burs and abrasive flap wheels for two handed use.





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SXMK Extended Spindle Die Grinder

High Powered Extended Spindle Die Grinders

Features & Benefits

- Motor design increased power
- Moulded body design improved aesthetics and insulation
- Lever design improved operator comfort
- Extended spindle for restricted access applications

Tool Specification

1.09kg

- Speed:
- 25,000, 16,000 or 12,000rpm
- Power: 820W
- Weight:
- Collet: 6mm
- Throttle: Lever



Industries

- Foundry
- Automotive
- Mold & Die
- Fabrication

Applications

A wide range of deburring and finishing applications with use of burs and abrasive flap wheels, where access is an issue.



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SMX05 Extended Body Die Grinder

High Powered Extended Body Die Grinder

Features & Benefits

- Motor design increased power
- Moulded body design improved aesthetics and insulation
- Low speed, high torque does not stall under load
- Lever design improved operator comfort
- Extended body range for two handed operation

Tool Specification

- Speed:
- 5,000rpm
- 820W • Power:
- Weight:
- Collet:
- Throttle:
- 6mm

1.58kg

Lever



Industries

- Foundry
- Automotive
- Mold & Die
- Fabrication



Applications

A wide range of deburring and finishing applications with use of burs and abrasive flap wheels.



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SHG18LR Extended Straight Die Grinder

Powerful Extended Die Grinder

Features & Benefits

- High power to weight ratio –
 compared to high cycle grinders
- Double handed operation offers improved operator control
- **Robust design** ideal for heavy duty applications
- **Ergo sleeve** results in improved operator comfort

Tool Specification

- Speed:
- 18,000rpm
- Power:
- Weight:
- Collet:
- Throttle:
- Exhaust:

1100W

- 2.5kg
 - 6mm
 - Lever
- st: Rear



Industries

- Foundry
- Ship building
- Fabrication

Applications

Suitable for use with larger diameter burs and mounted points in heavy duty applications.



RA12M Angle Grinder 12,000rpm Right Angle Grinder

Features & Benefits

- Spindle lock button accommodates faster disc change
- Anti vibration side handle improved ergonomics and reduces vibration
- Quick release adjustable guard allows fast and easy guard adjustment
- Durable gear design offers increased service life
- Auto balancer option reduces consumable vibration

Tool Specification

- Speed:
- 12,000rpm
- Power:
- Weight:
- Exhaust:
- 675W 1.81kg
- Rear

Consumbles

- Suited to 100mm (4") & 115mm (4 ¹/₂") Grinding Discs, Cutting Discs and Flap Discs.
- ≤75mm (3") Cup Brushes - RA12M-B version
- Burs and QCD RA12M-C version

Angle Grinder









RA1150 Angle Grinder/Sander Dual-Purpose Angle Grinder and Sander In One

Features & Benefits

- **Removeable back flange** quick transition between grinder and sander
- **Dual-functionality** enhances efficiency
- Spindle lock button accommodates faster disc change
- Anti vibration side handle improved ergonomics and reduces vibration
- Quick release adjustable guard –
 allows fast and easy guard adjustment
- **Durable gear design** offers increased service life

Tool Specification

- Speed:
- 12,000rpm
- Power:
- 1150W
- Weight: 2
- Throttle:
- Exhaust:
- 2.01kg
- Lever Rear

Industries

- Shipbuilding
- Offshore Fabrication
- Foundry
- Rail Sector
- General Fabrication

Consumables

 115mm and 125mm versions to suit Grinding, Cutting, Flap Discs and Fibre Discs, with either an M14 or 5/8-11 spindle



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RA1650 Angle Grinder High Powered Right Angle Grinder

Features & Benefits

- 1650W / 2.2HP Motor increased productivity
- Spindle lock button accommodates faster disc change
- Autobalancer reducing vibration exposure
- Anti vibration side handle improved ergonomics and reduces vibration
- Quick release adjustable guard allows fast and easy guard adjustment
- Kevlar vane material extended vane life and service intervals

Tool Specification

- Speed:
- 12,000rpm

Rear

- Power:
- Weight:
- Throttle:
- Exhaust:
- 1650W
- 2.11kg Lever

Industries

- Shipbuilding
- Offshore Fabrication
- Foundry
- Rail Sector
- General Fabrication

Consumables

 Models to suit 115mm & 125mm Grinding Discs, Cutting Discs and Flap Discs



Future Focus Precision Engineering

RA1650 Angle Sander High Powered Right Angle Sander

Features & Benefits

- 1650W / 2.2HP Motor increased productivity
- Spindle lock button accommodates faster disc change
- Autobalancer reducing vibration exposure
- Anti vibration side handle improved ergonomics and reduces vibration
- Quick release adjustable guard allows fast and easy guard adjustment
- **Kevlar vane material** extended vane life and service intervals

Tool Specification

- Speed:
- 12,000rpm
- Power:
- Weight:
- Throttle:
- Exhaust:
- 1650W

Rear

2.11kg Lever

Industries

- Shipbuilding
- Offshore Fabrication
- Foundry
- Rail Sector
- General Fabrication

Consumables

 Suited to 115mm (4 ½") & 125mm (5") Fibre Discs mounted on a backing pad



RA8-AVH & RA6-AVH Angle Grinders

Powerful Large Angle Grinders

Features & Benefits

- **High power motor** ideal for heavy duty applications
- **Robust design** suited to arduous applications
- Side handle designed to assist with vibration reduction
- **Piston exhaust** assists with noise reduction
- Suits various abrasives allows for cutting, grinding and flap discs
- 180mm and 230mm options suits a wide range of applications

Tool Specification

- RA8-AVH 8,500rpm • Speed: RA6-AVH - 6,500rpm
- Power:

• Weight:

3.5kg

1500W

• Throttle: Lever



Industries

- Foundry
- Ship building
- Automotive
- Fabrication

Applications

A wide range of grinding applications where cutting discs, grinding discs and flap discs are used.



Precision Engineering

RAM20LR & RAM10LR **Angle Sanders**

Small Angle Sanders

Features & Benefits

- Ergonomic design improved operator comfort
- Excellent power/weight ratio offer increased productivity
- **Compact head** allows for easier access
- Collet design facilitates use with a wide range of abrasives
- **Direct attachment** reduced head height with R type QCD
- 20,000rpm and 12,000rpm options use with a range of consumables
- Moulded sleeve fitted for operator comfort

Tool Specification

• Speed:

20,000 or 12,000rpm

- Power:
- Weight: 0.59kg
- Throttle:
- Exhaust
- Lever

300W

Rear



Industries

- Aerospace
- Automotive
- Fabrication

Applications

- Blending
- Blade Finishing
- General finishing and polishing

Future Focus Precision Engineering

RAM16L Angle Sander Durable, Powerful Angle Sander

Features & Benefits

- **Compact design** ideal for light sanding applications
- Excellent power to weight ratio offer increased productivity
- Range of collet options suitable for numerous consumables
- Moulded sleeve fitted for operator comfort

Tool Specification

- Speed:
- 16,000rpm 370W
- Power:
- Weight:
- Throttle:
- Collet: 6mm

Lever

1.3kg



Industries

- Foundry
- Ship building
- Automotive
- Aerospace
- Mold & Die
- Fabrication

Applications

A wide range of deburring and finishing applications with carbide burs, quick change discs and mini-flexi discs.

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RAMX13LR Extended Right Angle Sander Extended Right Angle Sander

Features & Benefits

- Motor design increased power
- Moulded body design improved aesthetics, ergonomics and insulation
- Lever design improved operator comfort
- Extended body offers operator improved control
- Durable gear design offers increased service life
- Direct disc attachment option reducing head height and vibration

Tool Specification

- Speed:
- 13,000rpm
- Power:
- Weight:
- Collet:
- Throttle:
- 820W 1.17kg
- 6mm Lever

Industries

- Automotive
- Aerospace
- Oil and Gas
- Fabrication
- Defence

Applications

Ideal for use with Quick Change Discs for blending and finishing.



ntrol e life d

RA5 Angle Sander Low Speed Angle Sander

Features & Benefits

- Ergonomic design improved operator comfort
- Excellent power to weight ratio offers increased productivity
- Low speed suitable for many sanding applications
- Side handle provides greater operator control
- Ergo sleeve fitted for operator comfort
- Suited to 180mm fibre discs ideal for sanding applications

Tool Specification

- Speed:
- 5,500rpm
- Power:
- Weight:
- Throttle:
- 2.75kg Lever

820W

Industries

- Automotive
- Fabrication

Applications

Blending, general finishing and polishing.



Precision Engineering

BLM16L Belt Sander Durable, Powerful Belt Sander

Features & Benefits

- **Compact design** ideal for sanding applications
- Multiple arm attachments available*
 to suit a range of belt sizes
- Quick and easy belt change to reduce downtime and maximise productivity
- Adjustable swivel head allows for access to nearly any application
- Moulded sleeve fitted for operator comfort

Tool Specification

- Speed:
- 5,500rpm
- Power:
- Weight:
- Throttle:
- 2.75kg Lever

820W

Industries

(1) 10 7 11 PE

- Foundry
- Ship building
- Automotive
- Aerospace
- Mold & Die
- Fabrication

Applications

A wide range of deburring and finishing applications with use of abrasive belts.

*Standard arm suits 20mm x 480mm belts



Future Focus Precision Engineering

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RALM20LR Belt Sander 20,000rpm Belt Sander

Features & Benefits

- Excellent power to weight ratio increased productivity
- Safety guard ensures user protection
- Tracking system for precise belt alignment
- Moulded sleeve fitted for operator comfort
- Quick belt change results in increased productivity
- One handed operation suitable for light deburring and finishing
- **Compact design** suitable for light to medium duty applications
- Multiple contact arms available* facilitates a wide range of belt sizes

Tool Specification

- Speed:
- 20,000rpm
- Power:
- Weight:
- Throttle:
- Exhaust:
- 0.79kg Lever

300W

- Rear



A compact tool designed for light deburring and sanding applications.

*Standard arm suits 13mm x 305mm belts

> Future Focus Precision Engineering

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