

**ata** tools

# AIR TOOLS

Die Grinders Brochure

**METRIC**

# CONTENTS

<b>INTRODUCTION</b> .....	<b>2</b>
---------------------------	----------

## **|02| DIE GRINDER**

Icon Library .....	<b>4</b>
Straight Die Grinder - SDM Line .....	<b>5</b>
Low Vibration Die Grinder - SMD30LR .....	<b>6</b>
Low Vibration Die Grinder - SMD25LR & SMD18LR .....	<b>7</b>
High Power Die Grinder - SM Line .....	<b>8</b>
Extended Straight Die Grinder - SMX Line .....	<b>9</b>
Extended Spindle Straight Die Grinder - SX Line .....	<b>10</b>
Extended Straight Die Grinder - SHG18LR .....	<b>11</b>

# INTRODUCTION



## WHY SELECT

With over 50 years experience, ATA is a global leader in the provision of high-end industrial air tools. Our comprehensive portfolio offers a solution for every grinding and finishing application, optimizing processes in terms of economic efficiency, reliability and safety. Our customers come from a wide variety of industries, including automotive, aerospace, foundries, metal fabrication, oil & gas, marine, medical, rail and power & energy.

## DEDICATED TO QUALITY

Quality and continuous improvement are priorities at ATA. We strive for exemplary quality in our products and services. In the procurement of goods and services, we look for partnerships with suppliers that apply the same principles of quality assurance. Our Quality Management System is certified to ISO 9001:2015.

## INNOVATION FROM DAY ONE

Founded in 1963, ATA is a true pioneer in industrial air tools. Since then we have continued to provide our customers with products and solutions to suit their processes and requirements. Our industrial expertise and detailed application know-how have led to pioneering developments.



### INTERNATIONAL OFFICES

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## | 02 | DIE GRINDER

Straight Die Grinder | Low Vibration Die Grinder | High Power Die Grinder |  
Extended Straight Die Grinder | Extended Spindle Straight Die Grinder



# ICON LIBRARY



**LEGACY LINE**  
Legacy Line - Long-standing industry standard air tools



## FEATURES & SAFETY



Low Vibration



Wear Protective Goggles



Wear Protective Mask



Wear Ear Protection



Oil Required

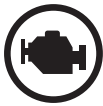


Oil Free

## MODEL SPECIFICATIONS



Speed (rpm)



Power (hp)



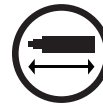
Power (watt)



Weight (kg)



Weight (lb)



Length (mm)



Height (mm)



Air Consumption (m3/min)



Air Consumption (cfm)



Noise Level (db.(A))



Standard Collet Size (mm)



Collet Options (mm)



Collet Type



Exhaust Type



Lever Type



Spindle Thread

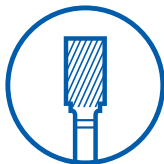


Auto-balancer

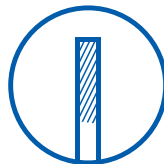


Side Handle Type

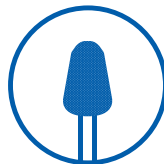
## CONSUMABLES



Tungsten Carbide Burs



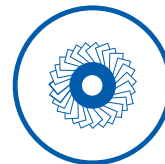
Tungsten Carbide Burs (Solid)



Mounted Points



Flexidisc®



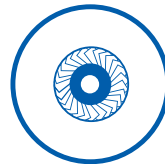
Mini-Flexidisc™



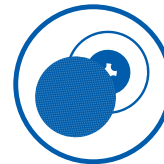
Flap Discs



Jumbo Flap Discs



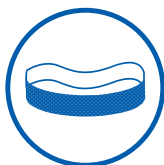
Minidiscs



Quickchange Discs



Fibre Discs



Belts



Flapwheels



Wire Cup Brushes

# DIE GRINDER - Straight Die Grinder - SDM Line



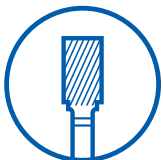
## FEATURES & BENEFITS



- Excellent power to weight ratio
- Governor design offering a range of speeds
- Compact design suitable for light to medium deburring applications
- Collet options to accommodate a range of shank mounted consumables
- Moulded sleeve for improved ergonomics, operator comfort and insulation

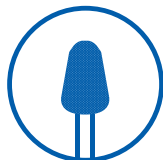
	Model	SDM37L	SDM37LR	SDM30L	SDM30LR	SDM26L	SDM26LR
	Speed (rpm)	37,000	37,000	30,000	30,000	25,000	25,000
	Power (hp)	0.40	0.40	0.40	0.40	0.40	0.40
	Power (watt)	300	300	300	300	300	300
	Weight (kg)	0.52	0.52	0.52	0.52	0.52	0.52
	Weight (lb)	1.15	1.15	1.15	1.15	1.15	1.15
	Length (mm)	167.00	154.00	167.00	154.00	167.00	154.00
	Height (mm)	37.00	37.00	37.00	37.00	37.00	37.00
	Air Consumption (m3/min)	0.57	0.57	0.57	0.57	0.57	0.57
	Air Consumption (cfm)	20.13	20.13	20.13	20.13	20.13	20.13
	Noise Level (db.(A))	75	74	73	73	73	72
	Standard Collet Size (mm)	6	6	6	6	6	6
	Collet Options (mm)	3	3	3	3	3	3
	Collet Type	CB Type	CB Type	CB Type	CB Type	CB Type	CB Type
	Exhaust Type	Front	Rear	Front	Rear	Front	Rear
	Lever Type	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever

## Recommended Consumables *(Catalogues available upon request)*



### Tungsten Carbide Burs

SDM37L, SDM37LR (From 3 to 8mm)  
SDM30L, SDM30LR (From 8 to 10mm)  
SDM26L, SDM26LR (From 8 to 12mm)



### Mounted Points

Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

# DIE GRINDER - Low Vibration Die Grinder - SMD30LR



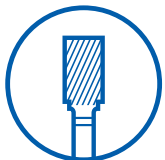
## FEATURES & BENEFITS



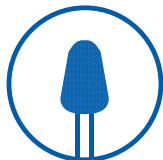
- Unique vibration dampening system
- Moulded sleeve for improved ergonomics, operator comfort and insulation
- Ergonomically designed lever construction
- Excellent power to weight ratio
- Light weight for operator comfort

	Model	SMD30LR
	Speed (rpm)	30,000
	Power (hp)	0.42
	Power (watt)	310
	Weight (kg)	0.32
	Weight (lb)	0.71
	Length (mm)	167.00
	Height (mm)	35.00
	Air Consumption (m3/min)	0.35
	Air Consumption (cfm)	12.50
	Noise Level (db.(A))	75
	Standard Collet Size (mm)	6
	Collet Options (mm)	3
	Collet Type	CB Type
	Exhaust Type	Rear
	Lever Type	Safety lever

## Recommended Consumables *(Catalogues available upon request)*



**Tungsten Carbide Burs**  
SMD30LR (up to 12mm)



**Mounted Points**



**!** Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

## Ordering Information

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# DIE GRINDER - Low Vibration Die Grinder - SMD25LR & SMD18LR



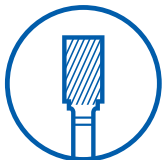
## FEATURES & BENEFITS



- Unique vibration dampening system
- Throttle valve for smoother start up action
- Moulded sleeve for improved ergonomics, operator comfort and insulation
- Ergonomically designed lever construction

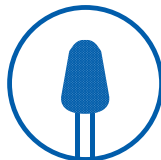
Model	SMD25LR	SMD18LR	
 Speed (rpm)	25,000	18,000	
 Power (hp)	1.10	1.10	
 Power (watt)	820	820	
 Weight (kg)	0.80	0.80	
 Weight (lb)	1.76	1.76	
 Length (mm)	208.00	208.00	
 Height (mm)	46.00	46.00	
 Air Consumption (m3/min)	0.62	0.62	
 Air Consumption (cfm)	21.89	21.89	
 Noise Level (db.(A))	77	75	
 Standard Collet Size (mm)	6	6	
 Collet Options (mm)	3/8/10	3/8/10	
 Collet Type	CA Type	CA Type	
 Exhaust Type	Rear	Rear	
 Lever Type	Safety lever	Safety lever	

## Recommended Consumables *(Catalogues available upon request)*




### Tungsten Carbide Burs

SMD25LR (10 & 12mm)  
SMD18LR (12 & 15mm)



### Mounted Points



 Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

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# DIE GRINDER - High Power Die Grinder - SM Line



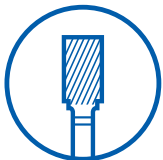
## FEATURES & BENEFITS



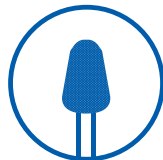
- Throttle valve for smoother start up action
- Moulded sleeve for improved ergonomics, operator comfort and insulation
- Ergonomically designed lever construction
- Governor design offering a range of speeds

Model	SM25L	SM25LR	SM16L	SM16LR	SM10L	SM10LR
Speed (rpm)	25,000	25,000	16,000	16,000	10,000	10,000
Power (hp)	1.10	1.10	1.10	1.10	1.10	1.10
Power (watt)	820	820	820	820	820	820
Weight (kg)	0.75	0.73	0.75	0.73	0.75	0.73
Weight (lb)	1.65	1.61	1.65	1.61	1.65	1.61
Length (mm)	224.00	213.00	224.00	213.00	224.00	213.00
Height (mm)	40.00	40.00	40.00	40.00	40.00	40.00
Air Consumption (m3/min)	0.62	0.62	0.62	0.62	0.62	0.62
Air Consumption (cfm)	21.89	21.89	21.89	21.89	21.89	21.89
Noise Level (db.(A))	74	74	77	75	78	77
Standard Collet Size (mm)	6	6	6	6	6	6
Collet Options (mm)	3/8/10	3/8/10	3/8/10	3/8/10	3/8/10	3/8/10
Collet Type	CA Type	CA Type	CA Type	CA Type	CA Type	CA Type
Exhaust Type	Front	Rear	Front	Rear	Front	Rear
Lever Type	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever

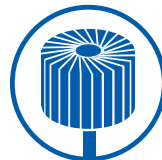
## Recommended Consumables *(Catalogues available upon request)*



**Tungsten Carbide Burs**  
SM25L, SM25LR (10 & 12mm)



**Mounted Points**



**Flapwheels**



Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

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# DIE GRINDER - Extended Straight Die Grinder - SMX Line



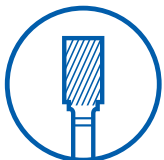
## FEATURES & BENEFITS



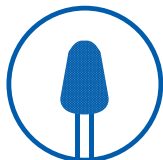
- Spider coupling - improved transmission strength
- Throttle valve for smoother start up action
- Ergonomically designed lever construction
- Governor design offering a range of speeds
- Double handed operation for improved control

Model	SMX25L	SMX25LR	SMX16L	SMX16LR	SMX10L	SMX10LR
Speed (rpm)	25,000	25,000	16,000	16,000	10,000	10,000
Power (hp)	1.10	1.10	1.10	1.10	1.10	1.10
Power (watt)	820	820	820	820	820	820
Weight (kg)	1.30	1.30	1.30	1.30	1.30	1.30
Weight (lb)	2.86	2.86	2.86	2.86	2.86	2.86
Length (mm)	357.00	345.00	357.00	345.00	357.00	345.00
Height (mm)	40.00	40.00	40.00	40.00	40.00	40.00
Air Consumption (m3/min)	0.62	0.62	0.62	0.62	0.62	0.62
Air Consumption (cfm)	21.89	21.89	21.89	21.89	21.89	21.89
Noise Level (db.(A))	78	77	77	75	74	74
Standard Collet Size (mm)	6	6	6	6	6	6
Collet Options (mm)	3/8/10	3/8/10	3/8/10	3/8/10	3/8/10	3/8/10
Collet Type	CA Type	CA Type	CA Type	CA Type	CA Type	CA Type
Exhaust Type	Front	Rear	Front	Rear	Front	Rear
Lever Type	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever	Safety lever

## Recommended Consumables *(Catalogues available upon request)*



**Tungsten Carbide Burs**



**Mounted Points**



**Flapwheels**



Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

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# DIE GRINDER - Extended Spindle Straight Die Grinder - SX Line

LEGACY LINE



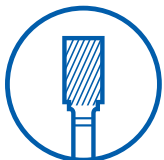
## FEATURES & BENEFITS



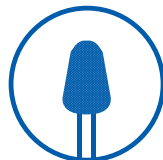
- Extended spindle for access in restricted areas
- Small diameter spindle for restricted access applications
- Ergo sleeve fitted for operator comfort
- Governor design offering a range of speeds

Model	SX22LR	SX16LR	SX10LR	
Speed (rpm)	22,000	16,000	10,000	
Power (hp)	0.85	0.85	0.85	
Power (watt)	630	630	630	
Weight (kg)	1.17	1.17	1.17	
Weight (lb)	2.57	2.57	2.57	
Length (mm)	320.00	320.00	320.00	
Height (mm)	40.00	40.00	40.00	
Air Consumption (m3/min)	0.85	0.85	0.85	
Air Consumption (cfm)	30.01	30.01	30.01	
Noise Level (db.(A))	70	65	64	
Standard Collet Size (mm)	6	6	6	
Collet Options (mm)	3	3	3	
Collet Type	CB Type	CB Type	CB Type	
Exhaust Type	Rear	Rear	Rear	
Lever Type	Safety lever	Safety lever	Safety lever	

## Recommended Consumables *(Catalogues available upon request)*



**Tungsten Carbide Burs**



**Mounted Points**



**Flapwheels**

Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.

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# DIE GRINDER - Extended Straight Die Grinder - SHG18LR

LEGACY LINE



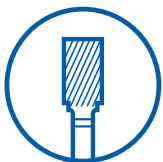
## FEATURES & BENEFITS



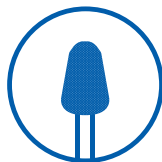
- High power to weight ratio compared with high cycle grinders
- Double handed operation for improved control
- Robust for heavy duty applications
- Suitable for use with large diameter carbide burs and mounted points
- Ergo sleeve fitted for operator comfort

	Model	SHG18LR
	Speed (rpm)	18,000
	Power (hp)	1.50
	Power (watt)	1120
	Weight (kg)	2.50
	Weight (lb)	5.50
	Length (mm)	371.00
	Height (mm)	43.00
	Air Consumption (m3/min)	1.13
	Air Consumption (cfm)	39.90
	Noise Level (db.(A))	70
	Standard Collet Size (mm)	6
	Collet Options (mm)	3/8/10
	Collet Type	CA Type
	Exhaust Type	Rear
	Lever Type	Safety lever

## Recommended Consumables *(Catalogues available upon request)*



**Tungsten Carbide Burs**  
(15 & 20mm)



**Mounted Points**

⚠ Always ensure that the speed of the air tool never exceeds the maximum operating speed of the consumable.



