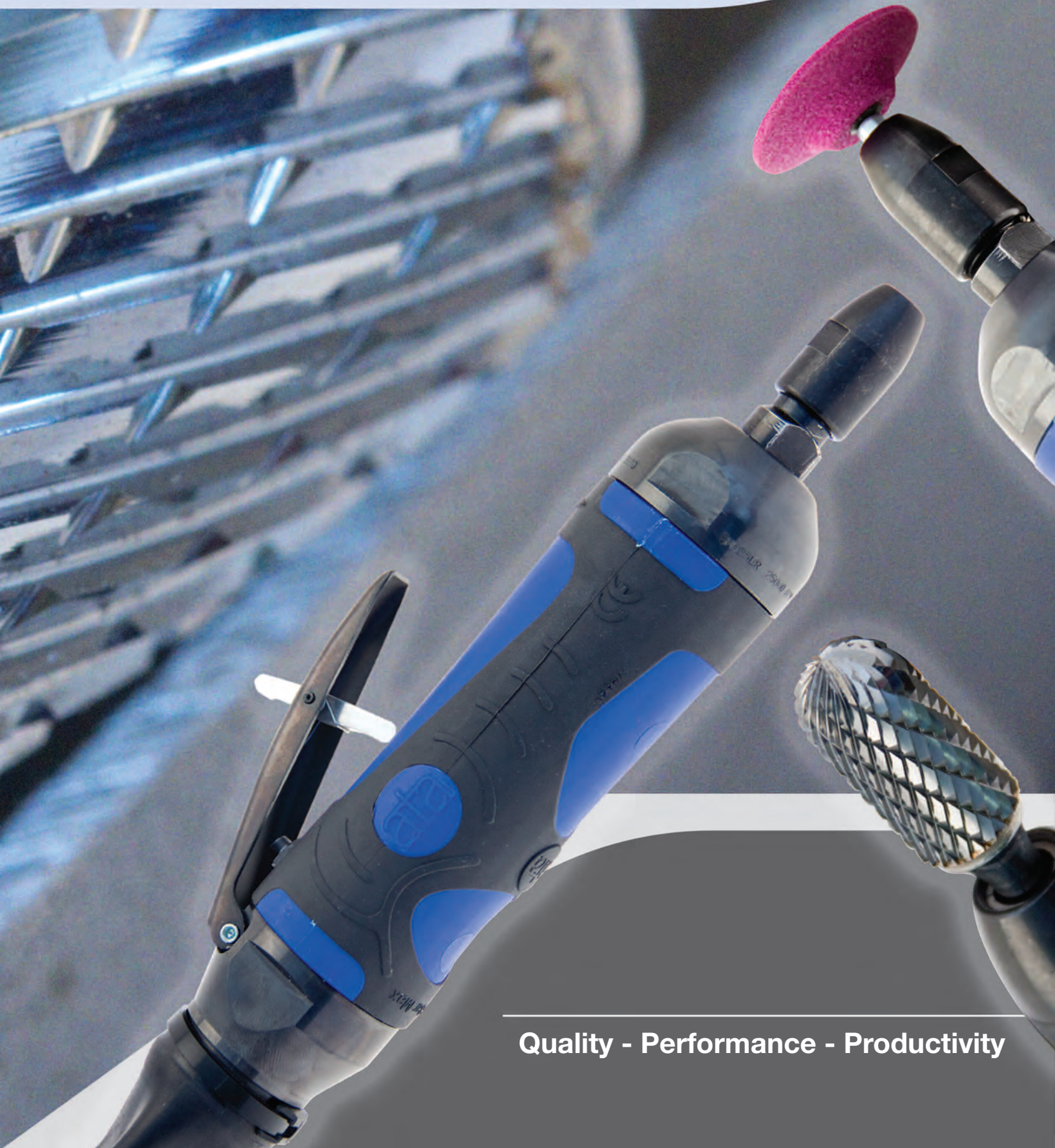


## SMD Series Anti-Vibration Grinders



**Quality - Performance - Productivity**



**With over 50 years of experience in the design and production of Portable Pneumatic Grinders, ATA are now leading providers of Abrasive Finishing Solutions to Industry.**

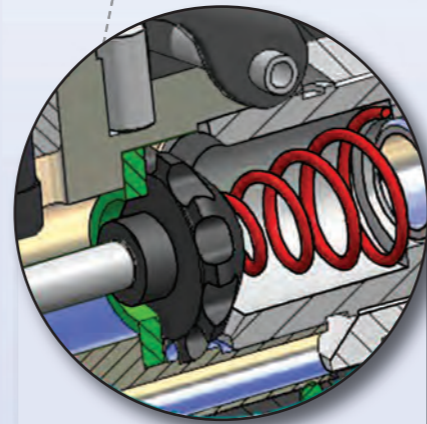


The all new **SMD Straight Grinder** brings all this experience together into a tool that will quickly become your No.1 choice, whatever your grinding application.

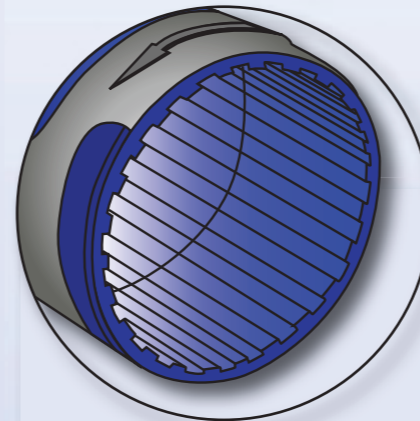
Your operators will feel the difference the moment they start to grind with the SMD, as the innovative front and rear suspension dampening systems absorb harmful process and consumable vibration.

The SMD's **exceptionally efficient air motor** produces a massive 1.1hp which will help to shorten your process times and reduce costs. The motor is so efficient that it consumes just 22cfm of air, meaning that the SMD series uses up to 50% less air than other leading brands of grinder, helping to deliver significant reductions in overhead costs.

Thanks to the ergonomic design of the 2-component moulded body, which also insulates against the cold of compressed air, the smooth contours of the lever and a forward push safety toggle, the SMD is also **superbly comfortable to use.**



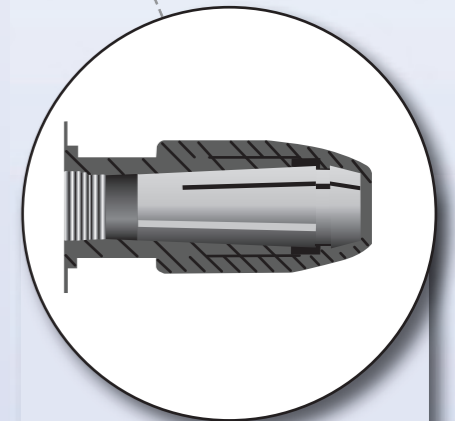
*The new throttle design not only provides increased levels of airflow, but also enables a highly controlled slow start to your grinding processes to significantly reduce work piece and consumable damage*



*The impressively designed all new 2 component moulded body provides excellent insulation from the harmful effects of vibration and the extremely cold temperatures of compressed air*



*The front vibration dampening system works in conjunction with the rear suspension unit to absorb process and consumable vibration, thus significantly improving user safety and comfort*



*The all new design of the SMD's clamping system, which incorporates a collet and cap-nut assembly, ensures that the consumable is exceptionally securely located within the chuck. Additionally, the design and operation of the clamping system produces highly consistent run out.*

**Quality** – vibration damped and comfortable to hold    **Performance** – increased power levels    **Productivity** – 50% less air consumption

*Available in 25000rpm and a speed governed 18000rpm version for larger diameter Carbide Burrs and Mounted Points.*

## SMD25LR & SMD18LR Specifications\*:

<b>Rated Speed –</b>	SMD25LR 25000rpm – SMD18LR 18000rpm
<b>Max Motor Power Output –</b>	0.82kW / 1.1hp
<b>Diameter –</b>	43-44mm/1.69-1.73”
<b>Length –</b>	206mm/8.11”
<b>Weight –</b>	0.8kg/1.76lb
<b>Sound Level @ Free Speed –</b>	SMD25LR 77dB(A) – SMD18LR 75dB(A)
<b>Vibration –</b>	<2.5m/s <sup>2</sup>
<b>Required Air Pressure –</b>	90PSI/6.3Bar
<b>Air Consumption @ Max Output –</b>	10.38lps/22cfm

\*specifications quoted are applicable to both models unless otherwise stated.

### Standard Accessories Supplied with tools:

Part No.	Description
25500410	Capnut Spanner
25500510	Chuck Spanner
12261120	6mm Collet & Capnut Assembly

### Optional Accessories:

Part No.	Description
12261220	8mm Collet & Capnut Assembly
90055520	Grinder Stripping Kit

### Tool & Consumable Recommendations:

SMD Series Anti-Vibration Grinders are designed for deburring and general stock removal across a broad range of industries including Aerospace, Automotive, Die & Mould, Fabrication, Foundries and Ship Building.

#### SMD25LR

**Carbide Burrs -** 12mm head diameter in all shapes and cuts  
**Mounted Points –** any shape with rated speed of 25000rpm or above

#### SMD18LR

**Carbide Burrs -** 12mm & 16mm head diameter in all shapes and cuts  
**Mounted Points -** any shape with rated speed of 18000rpm or above



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