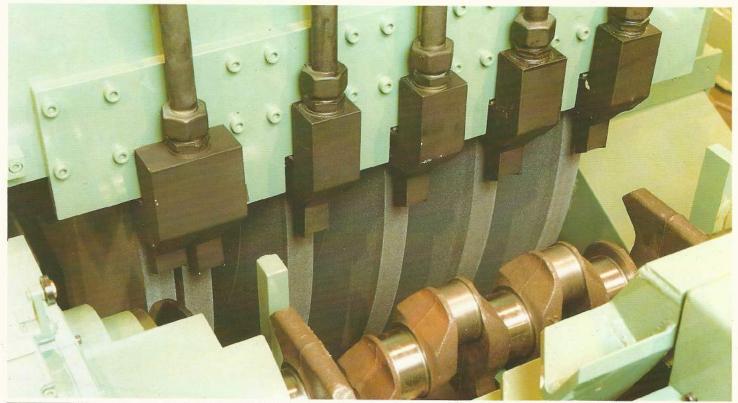
The Butler Newall range of crankshaft production grinding machines are specifically designed to combine high throughput with exceptional quality.

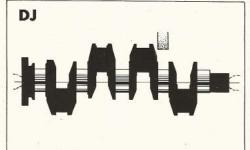
Whether in a large OEM engine production facility or a small multi-batch production environment, the Butler Newall series of crankshaft grinders enjoy an enviable worldwide reputation for durability and performance.

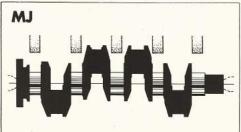
With over 350 installations in dedicated crankshaft production lines, Butler Newall has the proven experience of grinding many of the crankshafts currently in production around the globe.

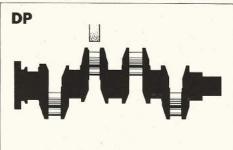


# **AUTOMOTIVE CRANKSHAFT GRINDERS**

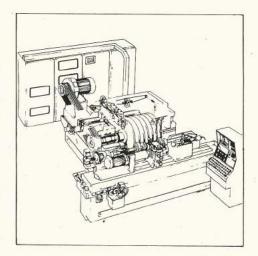










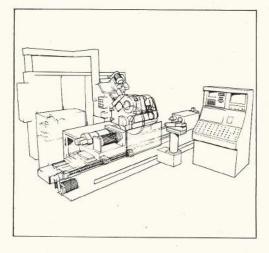


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The Butler Newall Multi-Wheel Journal Grinding Machine has been specifically designed to grind multiple journal diameters on automotive crankshafts or camshafts. Multi-wheel configuration enables a complete component to be ground in just one fully automatic cycle. This means the producer needs fewer machines to feed the engine production line, allowing improved productivity and financial returns. With over a metre between centres the MJ is suitable for grinding up to 8 journals that are a maximum of 825mm (32.5in) apart at their extremities and up to 125mm (5in) in diameter.

## DJ JOURNAL GRINDER >

With single wheel configuration the Butler Newall DJ Single Wheel Journal Grinding Machine allows the producer to have a fully automatic grinding machine, but also allows for flexibility. Flexibility is achieved by only having one grinding wheel and a powerful control package. The DJ machines are ideally suited to production environments where batch quantities are small and more than one type of component is to be ground. Three sizes of DJ are offered with 915mm (36in)/1220mm (48in)/1525mm (60in) between centres and a maximum swing diameter on all machines of 457mm (18in).



#### **⊲DP PIN GRINDER**

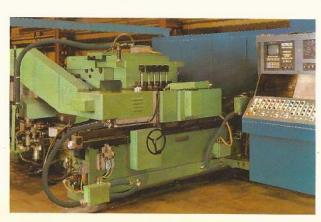
Very similar in construction to the DJ, the DP Single Wheel Pin Grinder allows the producer to grind the pins on an automotive crankshaft in one automatic cycle.

Machines on dedicated production lines are supplied to specific customer requirements but flexibility can be achieved by utilising the control system and adjustable throwblocks.

Three sizes are offered in the DP range, these include 1220mm (48in)/1525mm (60in)/1830mm (72in) between centres and a maximum swing diameter on all machines of 405mm (16in).

Full technical specifications of the Butler Newall range of automotive products are available on request.





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