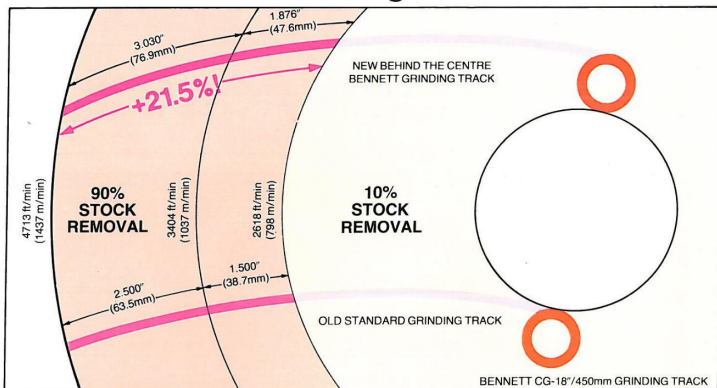

Crash Grinders CG

14-350mm
18-450mm



BENNETT MAHLER

Behind the Centre Grinding

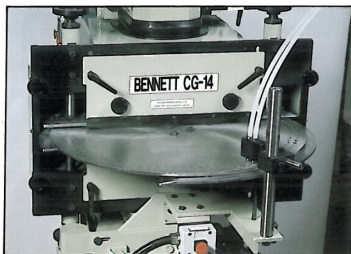


BEHIND THE CENTRE CRASH TYPE GRINDERS

Can give you **UNBELIEVABLE** improvements?

- 100% Increase in Wheel Life
- 30%-70% Increase in Productivity
- 77% Increase in max Wire Capacity
- 54% Increase in max Spring Dia
- 50% Reduction in Dresser Speed
- Larger worktables give greater productivity and all with THE SAME "BRITISH" GRINDING WHEELS
- Ability to use the SIMPLEST of Autofeeds
- Ability to grind many springs square in fixtures with excessive clearance.

The New "Behind The Centre" Track gives each spring a 42% longer time on the fast moving part of the grinding wheels.



SIMPLEST AUTO FEED System can be used.
NO MOVING PARTS! Just the springs and worktable!
20,000 SPRINGS per hour can be ground to better than 2 degrees of squareness.



This double arm system enables rapid removal of feed stoppages (within one minute or less).

Bennett CG14"/350mm

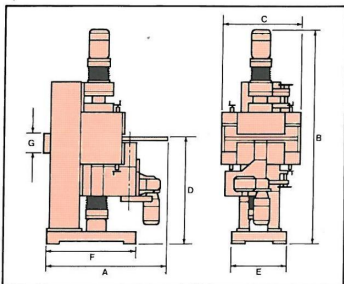
With Air Motors for rapid raising and lowering of the wheels.
External rugged swinging dresser.



Bennett CG18"/450mm

Is a larger version of the 14"/350mm with all the same features and improvements.





CRASHGRINDER CG-14" (350mm)

SPECIFICATION:

Max. wire size: .144" (3.6mm)
 Spring diameter: 23/4" (70mm) max.
 Max. spring length: 6" (152mm) new wheels
 8" (203mm) used wheels
 Table speed: Variable 0.33-1.90 r.p.m.
 Table diameter: 28" (710mm)
 Grinding wheels: 14" x 2 1/2" x 2 1/2" (356 x 67 x 63)
 Motors: 220-250/380-420 volts
 3 phase 50 cycles
 Two 2 h.p. (1.5kW) T.E.F.V.
 One 1/4 h.p. (0.25kW) v.s.d.
 1450 r.p.m. 5550 ft/min.
 (1676 m/min.)

Grinding wheel speed:

Dust extraction:

Production rate:

1500 cu.ft./min.
 4.3 cu. metres/min.
 0-5000 by hand (1 person)
 0-20,000 + with Autofeed

STANDARD EQUIPMENT:

1. Motors and Control Gear
2. One blank worktable 1/4" (10mm) thick
3. One pair grinding wheels
4. Wheel dressing unit

OPTIONAL EXTRAS:

1. Rapid AIR LIFT and lower for top and bottom heads
2. Auto feed arm with sleeve
3. Special tables for auto feed
4. Automatic dust extractor unit

MACHINE DIMENSIONS:

A. 46" (1170mm) E. 21" (534mm)
 B. 84" max. (2134mm) F. 34" (864mm)
 C. 38" (965mm) G. 7" (178mm)
 D. 43 1/4" (1100mm)

SHIPPING SPECIFICATION CG-14:

Dimensions: 61" x 42" x 88" (155 x 106 x 223 cms)
 Nett Weight: 2268 lb (1029 kgs)
 Gross Weight: 2261 lb (1207 kgs)

DUST EXTRACTOR:

Dimensions: 94" x 60" x 42" (239 x 152 x 107 cms)
 Nett weight: 642 lb (291 Kgs)
 Gross weight: 1084 lb (429 Kgs)

CRASHGRINDER CG-18" (450mm)

SPECIFICATION:

Max. wire size: 0.2" (5mm)
 Spring diameter: 23/4" (70mm) max.
 Max. spring length: 6" (152mm) new wheels
 8" (203mm) used wheels
 Table speed: 0.18-1.08 r.p.m.
 Table diameter: 34" (864mm)
 Grinding wheels: 18" x 2 1/2" x 3 1/2" (457 x 63 x 90)
 Motors: 220-250/380-420 volts
 3 phase 50 cycles
 Two 4 h.p. (3 kW) T.E.F.V.
 One 1/4 h.p. (.25 kW) v.s.d.
 1000 r.p.m. 4713 ft/min
 (1437 m/min.)

Grinding wheel speed:

Dust extraction:

Production rate:

2,800 cu.ft./min (4,760m³/hr.)
 0-5000 by hand (1 person)
 0-20,000 + with Autofeed

STANDARD EQUIPMENT:

1. Motors and control gear
2. One blank worktable 1/4" (10mm) thick
3. One pair grinding wheels
4. Wheel dressing unit

OPTIONAL EXTRAS:

1. Rapid AIR LIFT and lower for top and bottom heads
2. Auto feed arm with sleeve
3. Special tables for auto feed
4. Automatic dust extractor unit

MACHINE DIMENSIONS:

A. 59" (1499mm) E. 23 1/2" (597mm)
 B. 87 1/2" max. (2223mm) F. 45 1/4" (1150mm)
 C. 41 1/2" (1054mm) G. 8" (203mm)
 D. 44 1/2" (1130mm)

SHIPPING SPECIFICATION CG-18:

Dimensions: 46" x 105" x 85" (118 x 267 x 217 cms)
 Nett Weight: 4519 lb (2050 kgs)
 Gross Weight: 4916 lb (2230 kgs)

DUST EXTRACTOR:

Dimensions: 94" x 60" x 42" (239 x 152 x 107 cms)
 Nett weight: 642 lb (291 Kgs)
 Gross weight: 1084 lb (429 Kgs)



BENNETT MAHLER

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