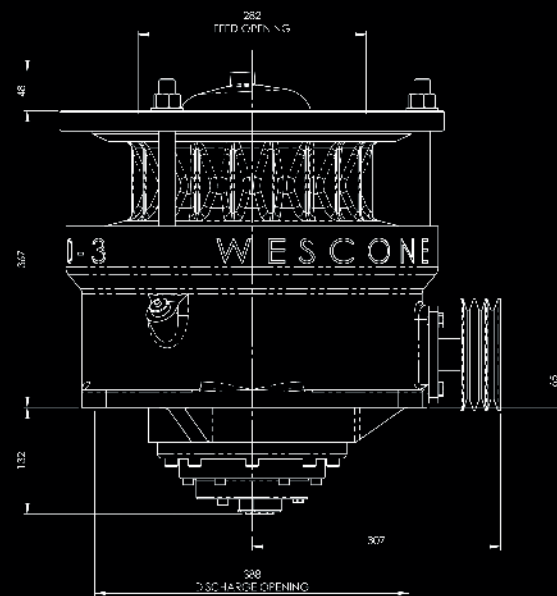
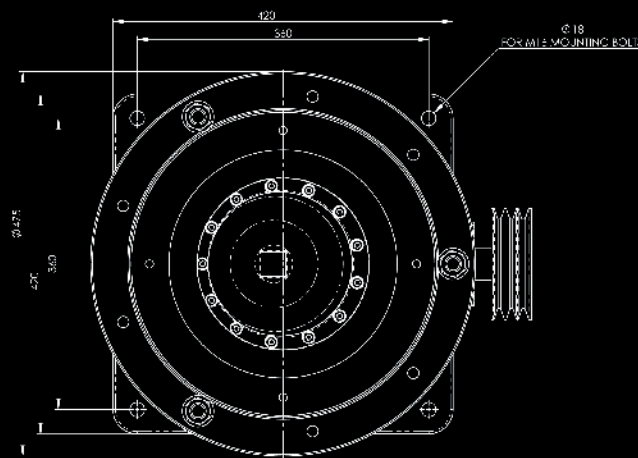


W300-3



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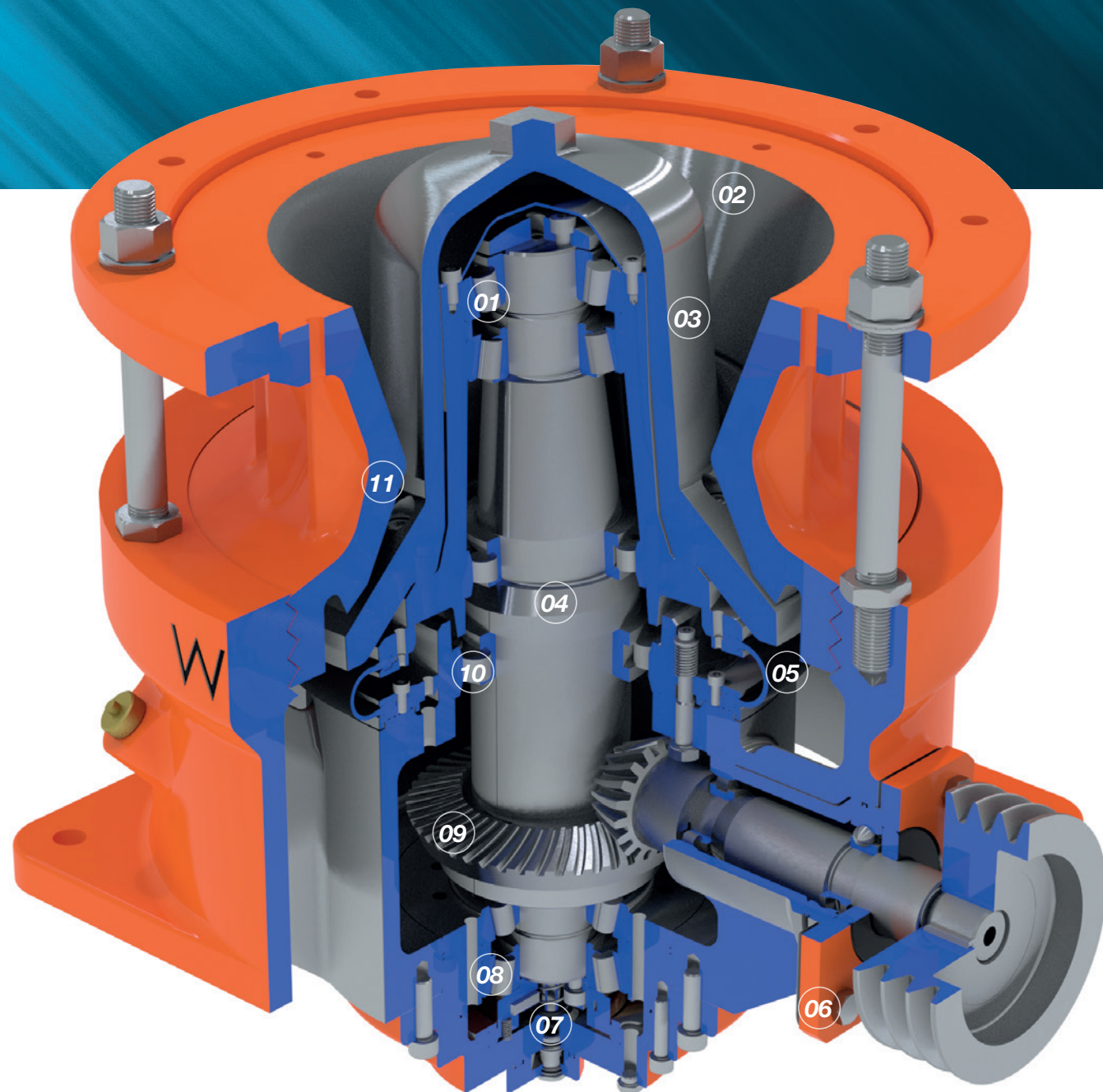
WESCONE W300-3

HIGH SPEED - HIGH REDUCTION RATIO CONE CRUSHER FOR SAMPLE REDUCTION



WESCONE W300-3

HIGH SPEED CONE CRUSHER



IMPORTANT FEATURES

- | | |
|---|---|
| 01. UPPER TAPER ROLLER BEARING ASSEMBLY | 07. UNIQUE STANDARD INTERNAL OIL PUMP, SHAFT DRIVEN |
| 02. UNOBSTRUCTED FEED OPENING | 08. LOWER TAPER ROLLER BEARING ASSEMBLY |
| 03. CHROME IRON 'BOLT ON' INNER HEAD LINER (MANTLE) | 09. HEAVY DUTY CROWNWHEEL AND PINION SET |
| 04. ROBUST ONE PIECE MAIN SHAFT | 10. HEAVY DUTY CYLINDRICAL ROLLER MAIN BEARINGS |
| 05. PATENTED CARBOXYLATED (NITRILE POLYMER) BELL SEAL | 11. CHROME IRON SCREW IN OUTER BOWL LINER (CONCAVE) |
| 06. INPUT SHAFT CARTRIDGE ASSEMBLY | |

THE **W300-3** HIGH SPEED CONE CRUSHER IS THE PRODUCT OF 20 YEARS OF RESEARCH, DEVELOPMENT AND MINE SITE OPERATION OF THE ORIGINALLY PATENTED WESCONE CRUSHING ACTION.

WESCONE - FEATURES AND MARKED IMPROVEMENTS FOR THE W300-3

01. Same external dimensions and footprint for easy direct replacement when required
02. Same mechanical integrity the W300 machines have enjoyed for 20 years
03. Improved Carboxylated (nitrile polymer) bell seal
04. Improved internal oil flow with bell seal ventilation
05. Improved crusher base casting/design for additional operating strength
06. Will crush using less HP (material dependent)
07. Improved head bearing housing and liner
08. Improved clutch/ anti-rotation/ location device
09. Registered design copyright of components and additional patents pending
10. Proudly, all Australian designed and manufactured

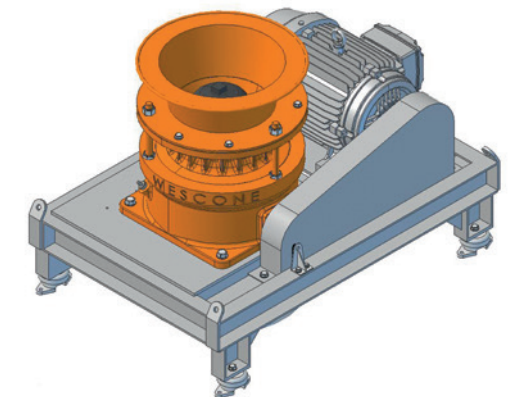
UNIQUE CRUSHING ACTION MINIMISES OVERSIZE DISCHARGE

The simultaneous double crushing action ensures rapid reduction of feed material and minimises production of oversize discharge to typically less than 15%. The centre of the Wescone action is close to the centre of the eccentric mass of the crusher which means lower out of balance forces allowing higher operating speeds.

REDUCED CRUSHING TIMES

The **W300-3** is normally run at 720 RPM to generate maximum fines for laboratory use, however a reduction in shaft speed produces less fines and a higher proportion of particles close to the chosen crusher gap setting.

The **W300-3** crusher can match the reduction ratios of an equivalent jaw crusher with a greatly increased throughput. Test and production crushing has produced reduction ratios of up to 20:1 and possible throughputs up to 1 Kg/ second with smaller reduction ratios.

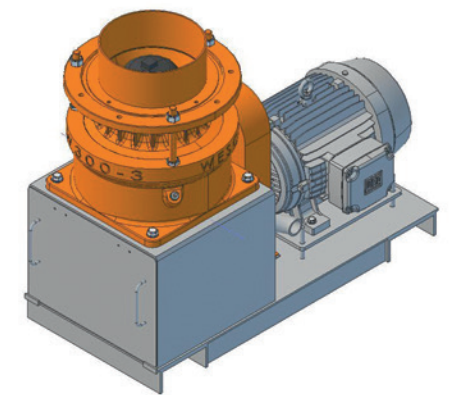


ABILITY TO PROCESS MOST CRUSHABLE MATERIAL

Materials routinely crushed by Wescone operators include iron ore, bauxite, nickel ore, high carbon ferro chrome, silicon slag, coal, manganese, gold ore, cement clinker and glass. These diverse products reflect the versatility of the **W300-3** and its ability to handle almost any clean crushable material and produce a product suitable for further processing, testing or direct use.

ROBUST AND RELIABLE

The **W300-3** has become a vital part of the quality control of iron ore exported from Australia, Africa and South America, operating in robot cells and remote sample stations 24 hours a day during the ship loading. Robust construction of the crusher components with oil lubrication of the all roller and ball bearing design means continuous operation is practical. Liners are either screwed or bolted in place for quick and easy change out and minimum down time.



IMMEDIATE DELIVERY

Call Wescone Distribution or one of our distributors today for more information on the unique features of the **W300-3** high speed cone crusher and its ability to solve your sample/crushing requirements. New crushers and a full range of original spare parts are always available for immediate delivery.