

DIAMOND CORE DRILL, DRY DRILLING

DIA 303



DIA 303 applications

Wood

- Stand mounted or hand-held drilling into massive wood and panels, e.g. OSB and particle boards
- Drilling with wood drill bits, auger bits and formwork drill bits
- Counter bores with big counter sinking tools and Forstner bits

Plastic materials

- Stand mounted or hand-held drilling in plastic, e.g. sewer pipes and plastic containers made of PVC, PE, PP and GRP

Masonry and chimney pipes

- Dry diamond core drilling in masonry, e.g. poroton, aerated concrete and sand-lime brick
- Drilling in chimney pipes and ceramic flue liners

DIA 303 features

- Enormous drilling range, hand-held, dia. 40 - 322 mm
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and core cutter change
- Safety clutch with anti-lockup system
- Ultra-efficient dust extraction during dry drilling and during drilling with wood core cutter
- Rapid changeover from hand-held to stand mounted drilling
- Electronic for constant speed control
- Speed infinitely adjustable with adjusting dial
- Electronic overload protection and soft start



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SPEED

TECHNICAL DATA	DIA 303
Rated power	2000 W
Rated speed 1st/2nd/3rd gear	360/680/1270 rpm
Drilling range with	
diamond core bit, hand-held, dry	dia. 52 - 300 mm
LS core cutter in plastic, hand-held	dia. 40 - 322 mm
LS core cutter in plastic, with BS drill stand	dia. 40 - 202 mm
LS core cutter in plastic, with BST drill stand	dia. 40 - 257 mm
LB wood core cutter, hand-held	dia. 42 - 322 mm
LB wood core cutter, with BS drill stand	dia. 42 - 202 mm
LB wood core cutter, with BST drill stand	dia. 42 - 182 mm
Machine weight	6.2 kg
Chuck	G 1/2"

Order-No. DIA 303

Standard specification: Duss DIA 303 diamond core drill, side handle, auxiliary handle, ZST centring rod, SK 61 suction head, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.