

DIAMOND CORE DRILL, WET AND DRY DRILLING

DIA 303 W



DIA 303 W applications

- Drillings in reinforced concrete, granite, marble, sandstone, nature stone, masonry, sand lime brick, poroton, plastic materials and wood
- Hand-held or stand mounted wet drilling depending on material wet or dry
- Hand-held drilling or drilling with BST drill stand in sewer pipes
- Electrical installations, gas, plumbing and heating systems
- Domestic utilities and air conditioning systems, renovation of old buildings
- Civil and structural engineering, road building and landscaping

DIA 303 W features

- Enormous drilling range, hand-held diamond core drilling up to dia. 300 mm
- Efficient drilling performance, especially when drilling medium to big diameters
- Comfortable working even in confined spaces, up a ladder or also overhead, thanks to the compact angular design and a machine length of only 39 cm
- Time-saving positioning with quick centring bit
- Quick release system for rapid core bit change and drill core removal
- Safety clutch with anti-lockup system
- Ultra-efficient dust extraction during dry drilling
- Precise preselection and constant control of water flow rate
- Water-saving precision metering
- Screw-in auxiliary handle for non-fatiguing, back-saving posture when drilling downwards
- LED display for performance monitoring and service planning
- 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 W
Rated power	2000 W
Rated speed 1st/2nd/3rd gear	360/680/1270 rpm
Drilling range with	
diamond core bit, hand-held or with drill stand BS	dia. 32 - 202 mm
diamond core bit in concrete pipe, hand-held, wet	up to dia. 300 mm
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 drill stand BS	dia. 42 - 202 mm
LB wood core cutter with drills stand BST	dia. 40 - 182 mm
Machine weight	6.4 kg
Chuck	G 1/2"

Order-No. DIA 303 W

Standard specification: DUSS DIA 303 W diamond core drill with PRCD circuit breaker, side handle, auxiliary handle, ZST centring rod, SW 22 and SW 30 open-end wrenches, dry lubricant spray, carrying case.