



MADE IN 
GERMANY

DIA 303 diamond core drill

Superior performance in wood,
plastic, masonry and chimney pipes



NEW

DIA 303 diamond core drill • Superior performance in w

The DIA 303 diamond core drill with its **three-speed gearbox** and its **various accessories** is a veritable all-rounder for dry drilling into: **massive wood, panels, PVC, PE, PP, GRP, masonry, chimney pipes, ceramics, ...**

The three-speed gearbox permits drilling of holes ranging in **diameter from 32 mm to 322 mm**. The unique safety clutch, with gentle starting torque, reliably protects the user from injury. The quick release system allows **tool changing in seconds and easy drill core removing**.



Features

- Enormous drilling range, dia. 32 - 322 mm
- Auxiliary handle for non-fatiguing, back-saving posture when working 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
- Infinitely variable speed adjustment
- Electronic overload protection and soft start

Applications

Wood

- Hand-held or stand mounted 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

- Hand-held or stand mounted drilling into plastic, e.g. sewer pipes and plastic containers made of PVC, PE, PP and GRP

Masonry and chimney pipes

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



wood, plastic, masonry and chimney pipes



Standard specification

DUSS DIA 303 diamond core drill, side handle, auxiliary handle, ZST centring rod, SK 61 suction head, open-end wrenches (22 mm and 30 mm), teflon spray, carrying case.

Order-No. DIA 303

Rated power	2000 watts
No load speed 1st/2nd/3rd gear	360/680/1270 rpm
Drilling range with	
diamond core bit, dry, hand-held	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"

Accessories

1 • Core cutters

for drilling into plastic,
drilling range dia. 40 - 322 mm

2 • Wood core cutters

for drilling into wood and wood
composites, drilling range
dia. 42 - 322 mm

3 • Diamond core bits

for dry drilling,
drilling range dia. 52 - 300 mm

4 • Drill stands

5 • Centring aids

- Centring rod
- Quick centring bit
- Pilot drill bit

**6 • Adapters for
quick release system**

- for diamond core bits
- for core cutters
- for wood core cutters
- for keyless chucks

**7 • Adapters for
screwed connection**

- for core cutters
- for wood core cutters
- for keyless chucks

8 • Keyless chuck

for standard tools,
clamping capacity dia. 1,5 - 13 mm

9 • Socket adapter

Adapter for sockets
with 1/2" square, for keyless chucks

10 • Accessories for suction

- Suction cups
- Suction tubes
- Suction heads
- Reducing ring
- Industrial vacuum cleaners



For further information, technical data and
dimensions, see DUSS catalogue

Subject to technical changes without notice · 05/2012