

# ROLLER'S *Centro SR*

Patent EP 2 085 191



German Top Quality



### Speed-Regulation

For the best drilling performance and maximum life of the drilling crowns.



**Universal, powerful, robust, handy diamond core drilling machine with speed regulation for core drilling e. g. in concrete, steel-reinforced concrete up to Ø 162 (200) mm, in masonry of all kinds, natural stone, asphalt, screed of all kinds, up to Ø 250 mm. For dry or wet drilling, hand held or with drill stand.**

- Only one universal, robust, handy diamond core drilling machine for 4 applications! **Hand held dry drilling, hand held wet drilling, dry drilling with drill stand, wet drilling with drill stand.** Ideal for applications in gas and sanitary installation, heating installation, electrical installation etc. For pipe and cable breakthroughs, air ducts, test core drilling etc.
- Powerful drive unit for vibration-free core drilling for fast, easy work. Universal for holding drilling crowns with UNC 1 ¼ female or G ½ male connection thread. With water supply device for wet drilling, with adjustable shut-off valve, quick coupling with water stop and ½" hose connection Suction rotor for sucking off dust for dry drilling with connection for conventional vacuum cleaner (accessory).
- Compact design, comfortable weight, drive unit only 6.4 kg.
- Practical spade handle in connection with stabiliser for hand held drilling. Clamping throat Ø 60 mm for holding the drive unit in ROLLER'S drill stand S2, ROLLER'S drill stand T and in suitable drill stands of other makes. Spacer set for additional stabilisation of the ROLLER'S Centro SR drive unit on the ROLLER'S drill stand T.
- Strong, maintenance-free 2-step gear with blocking protection by safety slip clutch.
- Robust, powerful universal motor 2200 W, with multifunctional electronics with startup current limiting for soft startup, automatic idle speed limiting, overload protection and blocking protection. Overheating protection by temperature monitoring of the motor by a PTC resistor (Positive Temperature Coefficient). Inching switch with lock. Connecting cable with integrated personal protection switch (PRCD).
- **Speed-Regulation**  
Continuous, electronic speed regulation for material-compatible selection of the drilling speed. Thumbwheel for continuous speed setting (250 to 500 rpm in 1<sup>st</sup> gear or 600 to 1,200 rpm in second gear). The electronic speed control keeps the selected speed constant under load. The drilling crown speed is kept at the nominal value until it encounters resistance and falls below a critical value. The drive motor stops. If the drive unit is unloaded again, the set rotation speed is reached again so that working at the set rotation speed can continue immediately (**Patent EP 2 085 191**). The optimally preselected speed for the respective material or the respective drilling diameter remains constant during the entire drilling process, this enables optimum drilling performance and maximum life of the drilling crown.
- Universal diamond core drilling crowns, universally applicable for dry and wet drilling, hand held or with drill stands. Uniform UNC 1 ¼ female connecting thread, useful length 420 mm. Optional ROLLER'S universal diamond core drilling crowns, inductively soldered, resolderable or ROLLER'S universal diamond core drilling crowns LS, laser-welded, high temperature resistant, see page 202–203. Adapter for holding in drive units with other core drilling crown connection (accessory). Easy loosening ring, for easy loosening of the drilling crown (accessory).
- **Dust extraction according to EN 60335-2-69**  
When working with quartz building materials, e.g. concrete, steel-reinforced concrete, masonry and screed, a high degree of mineral dust containing quartz (quartz fine dust) is produced which is harmful to the health. Inhalation of quartz fine dust is harmful to the health. EN 60335-2-69 prescribes the use of at least one safety extractor of dust class M for the extraction of health hazardous dusts with an exposure limit/work place limit > 0.1 mg/m<sup>3</sup>. Observe the national regulations. Suction rotor for dust extraction when dry drilling with connection for ROLLER'S Protector 2 and other appropriate extractors (accessory). Start drilling aid G ½ UDKB, with holes for extracting the drilling dust from the bore hole by a suction rotor for dust extraction (accessory). ROLLER'S Protector 2 M dry and wet extractor, certified for the extraction of health hazardous dusts of dust class M, see page 207.
- Water extractor for wet drilling up to Ø 170 mm, with connection for ROLLER'S Protector 2 or other suitable dust extractors (accessory).
- ROLLER'S drill stands S2 or ROLLER'S drill stands T, see page 208.



### ROLLER'S **Centro SR Basic-Pack**

Drive unit with speed regulation, 2-step gear, multifunctional electronics, personal protection switch PRCD, water supply device with shutoff valve, quick coupling for hose connection 1/2", stabiliser, spacer set, single open ended wrench size 32. In steel case

183010 A220 **1.712,70**

### ROLLER'S **Centro SR Set T**

ROLLER'S Centro SR Basic-Pack, ROLLER'S drill stand T with set of allen keys and fastening kit for masonry and concrete

183022 A220 **3.093,24**

### ROLLER'S **Centro SR Set 62+82+132 T**

ROLLER'S Centro SR Basic-Pack with universal diamond core drilling crowns ROLLER'S UDKB 62, 82, 132 mm, ROLLER'S drill stand T with set of allen keys and fastening kit for masonry and concrete

183023 A220 **3.581,10**

#### Accessories

#### ROLLER'S **Centro SR drive unit**

183000 A220 1.328,64

Spacer set for additional stabilisation of the Centro SR drive unit on the drill stand T, consisting of spacer and 2 cylinder head screws M 8 x 65

183632 R 48,58

ROLLER'S universal diamond core drilling crowns inductively soldered, resolderable

See page 202

ROLLER'S universal diamond core drilling crowns LS laser-welded, high temperature resistant

See page 203

ROLLER'S drill stand S2 / drill stand T

See page 208

ROLLER'S Protector 2 L/M, wet and dry extractors

See page 207

Further accessories

See page 209

Steel case with inlay

180600 A 128,71

