

# DISC SAW

## DC 14 - DC 16 - DC 18

Disc diameter 350 - 400 mm

The three models have the same mechanics, weights, dimensions and appearance, they differ only for 3 different displacements of the hydraulic motor and therefore each for different requests of hydraulic flow to which correspond proper numbers of revolutions



Available in underwater version

- Exclusive high performance DOA hydraulic motor with high performance even with high cutting load
- Direct transmission without vulnerable belts
- Saw is installable on the saw cart SC40 to become in few seconds a practical asphalt cutter
- Water is given to disc from center and without vulnerable external water hoses to give ideal cooling
- Lever to arrest water supply to disc
- Few moving parts, constantly lubricated, ensure reliability and unbeatable longevity

Hydraulic disc saw with 400 mm disc capacity, can mount "black" abrasive discs for metal or diamond discs for cutting reinforced concrete and building materials in general. Ergonomic and lightweight has an unbeatable weight / power ratio, hydraulic operation is a guarantee of maximum safety, no electricity therefore impossible to cause electric shocks, no fumes and emissions, minimum noise, vibration and maintenance, reliability, long service life and possibility of work in any position or condition and can also be used in submarine work.

### THE 3 MODELS REFERED TO THE FLOW REQUIREMENTS

DC16 is available in three sub models with different characteristics of hydraulic flow, so with different motor size and performance.

- DC14 ideal flow 20 L/min, can power discs with max diameter 350 mm (14")
- DC16 ideal flow 30 L/min, can power discs with diameter 400 mm (16") and 350 mm (16")
- DC18 ideal flow 38 L/min, can power discs with diameter 400 mm (16") and 350 mm (16")

TECHNICAL CHARACTERISTICS	DC 14	DC 16	DC 18
Weight (kg)	8,5	8,5	8,5
Dimension LxWxH (cm)	70x40	70x40	70x40
Flow L/min	20	30	40
Ideal flow L/min	20 - can power discs with max diam. 350 mm (14")	30 - can power discs with max diam. 400 mm (16") 350 mm (16")	38 - can power discs with max diam. 400 mm (16") 350 mm (16")
Pressure Bar	140-180	140-180	140-180
Disc diameter (mm)	350	400	400
Shaft dimension (mm)	25,4 (1")	25,4 (1")	25,4 (1")
Cutting capacity (mm)	120	145	145
Speed RPM max	4300 spm	4300 spm	4300 spm
Rotation	CW clockwise	CW clockwise	CW clockwise



# DISC SAW

## DC 20 - DC 22

Disc diameter 450 - 500 mm

- Exclusive high performance DOA hydraulic motor with high performance even with high cutting load
- Direct transmission without vulnerable belts
- Saw is installable on the saw cart SC40 to become in few seconds a practical asphalt cutter
- Water is given to disc from center and without vulnerable external water hoses to give ideal cooling
- Lever to arrest water supply to disc
- Moving parts, constantly lubricated, ensure reliability and unbeatable longevity



**Possibility to be used as asphalt cutter saw installed on the SC40 cart**



Available in underwater version



Engine detail of our production, capable of running up to 6000 rpm continuously

**DC20** and **DC22** cut of saws with disc capacity with 450 and 500 mm, for cutting reinforced concrete asphalt and building materials in general. **DC20** and **DC22** are ergonomic and lightweight has an unbeatable weight/power ratio, hydraulic operation is a guarantee of maximum safety, no electricity therefore impossible to cause electric shocks, no fumes and emissions, minimum noise, vibration and maintenance, reliability, long service life and possibility of work in any position or condition and can also be used in submarine work.

TECHNICAL CHARACTERISTICS	DC 20	DC 22
Weight (kg)	11	13
Dimension LxWxH (cm)	70x40	70x40
Flow L/min	40	40
Ideal flow L/min	40 - can power discs with max diam. 450 mm (18")	40 - can power discs with max diam. 500 mm (20")
Pressure Bar	140-180	140-180
Disc diameter (mm)	450	500
Shaft dimension (mm)	25,4 (1")	25,4 (1")
Cutting capacity (mm)	187	202
Speed RPM max	3500 spm	2500 spm
Rotation	CW clockwise	CW clockwise

