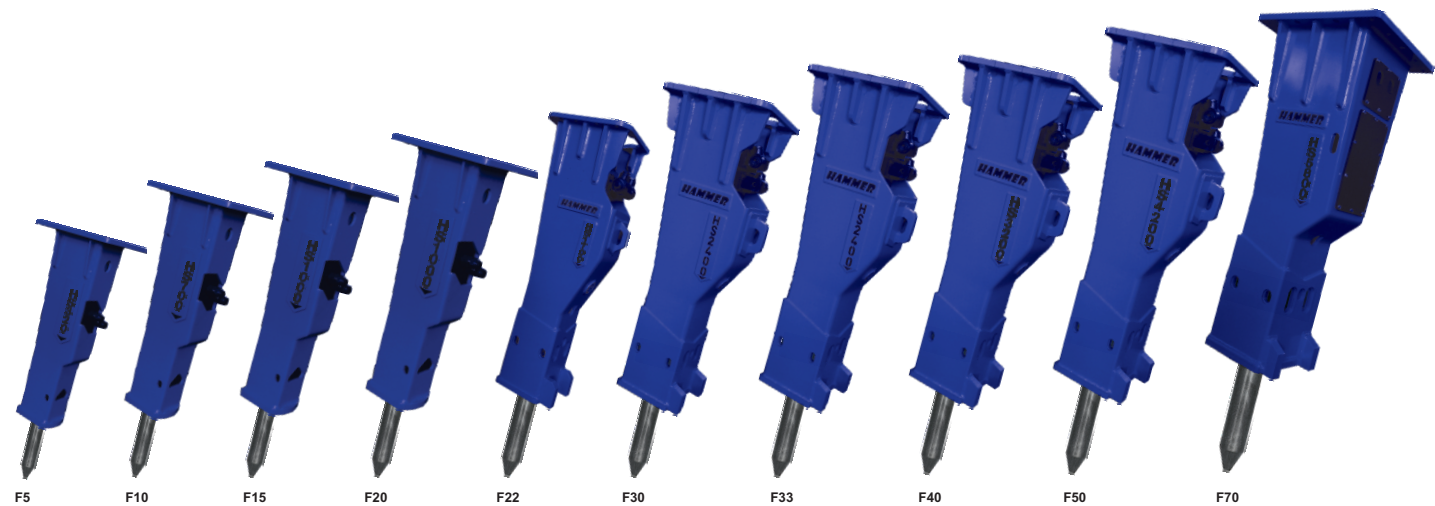


HYDRAULIC ROCK BREAKERS



SPECIFICATIONS

PARTICULARS		F5	F10	F15	F20	F22	F30	F33	F40	F50	F70
Carrier Weight	T	4-11	9-17	14-20	17-27	20-30	27-35	27-35	30-47	35-55	45-80
Weight with top bracket and tool	kg	340	1000	1200	1550	1700	2400	2400	3000	4200	5800
Frequency	blows/min	700-1200	400-800	400-800	400-800	400-800	350-700	350-700	300-650	300-650	250-550
Blow energy	J	900	2400	2800	3200	4000	5500	5500	9000	11500	17000
Oil flow	l/min	45-70	90-110	105-125	125-155	130-165	165-195	165-195	200-260	250-320	300-380
Working pressure of the breaker	bar	160	170	170	160	170	175	175	180	180	190
Diameter of the tool	mm	75	105	120	130	135	150	150	165	180	200
Standard tool length	mm	720	900	1000	1100	1100	1300	1300	1300	1500	1600
Total length with tool, w/o top bracket	mm	1350	2100	2600	2800	2800	3200	3200	3500	3800	4400
High pressure hose diameter	mm	15	22	22	25	25	25	25	32	32	32
Low pressure hose diameter	mm	15	22	22	25	25	25	25	32	32	32
Acceptable back-pressure	bar	25	25	25	25	25	25	25	25	25	25

Marketed & Serviced by
Greaves Cotton Limited

Infra Business : Lakshmi Chambers, No.30, Anna Salai, Little Mount, Saidapet, Chennai - 600 015
Phone : 044-2230 4000 (Board) Fax : 044-2235 2271 Email : sales.infra@greavescotton.com

Corporate Office : 3rd Floor, Motilal Oswal Tower, Junction to Gokhale & Sayani Road, Prabhadevi, Mumbai - 400 025. Tel : +91-22-3355 1700 Fax : +91-22-3355 1799

New Delhi : Express Building Annexe, 9-10, Bahadur Shah Zafar Marg, New Delhi - 110 002. Tel : 011-2373 0554, 2331 7349 Fax : 011-2335 9782

Kolkata : VOSTOK, 1st Floor, KB-21, Sector III, Salt Lake City, Kolkata - 700 091. Tel : 033 3010 8332 / 3010 8325, Fax: 033 4012 0914.

Hyderabad : 6-2-47, A.C.Guards, First Floor, P.B.No.9, Hyderabad - 500 004. Tel : +91-40-2331 4025, 2331 6446 Fax : +91-40-2331 8557

Note : Due to continuous development and product improvement, specifications / details in this leaflet are subject to change without prior notice

Toll Free No.
1800 266 0670

HYDRAULIC ROCK BREAKERS
MADE IN EUROPE

**GREAVES
INFRA**
Bring it on!



- High in Productivity
- High in Quality
- Low maintenance cost



Quarrying



Demolition



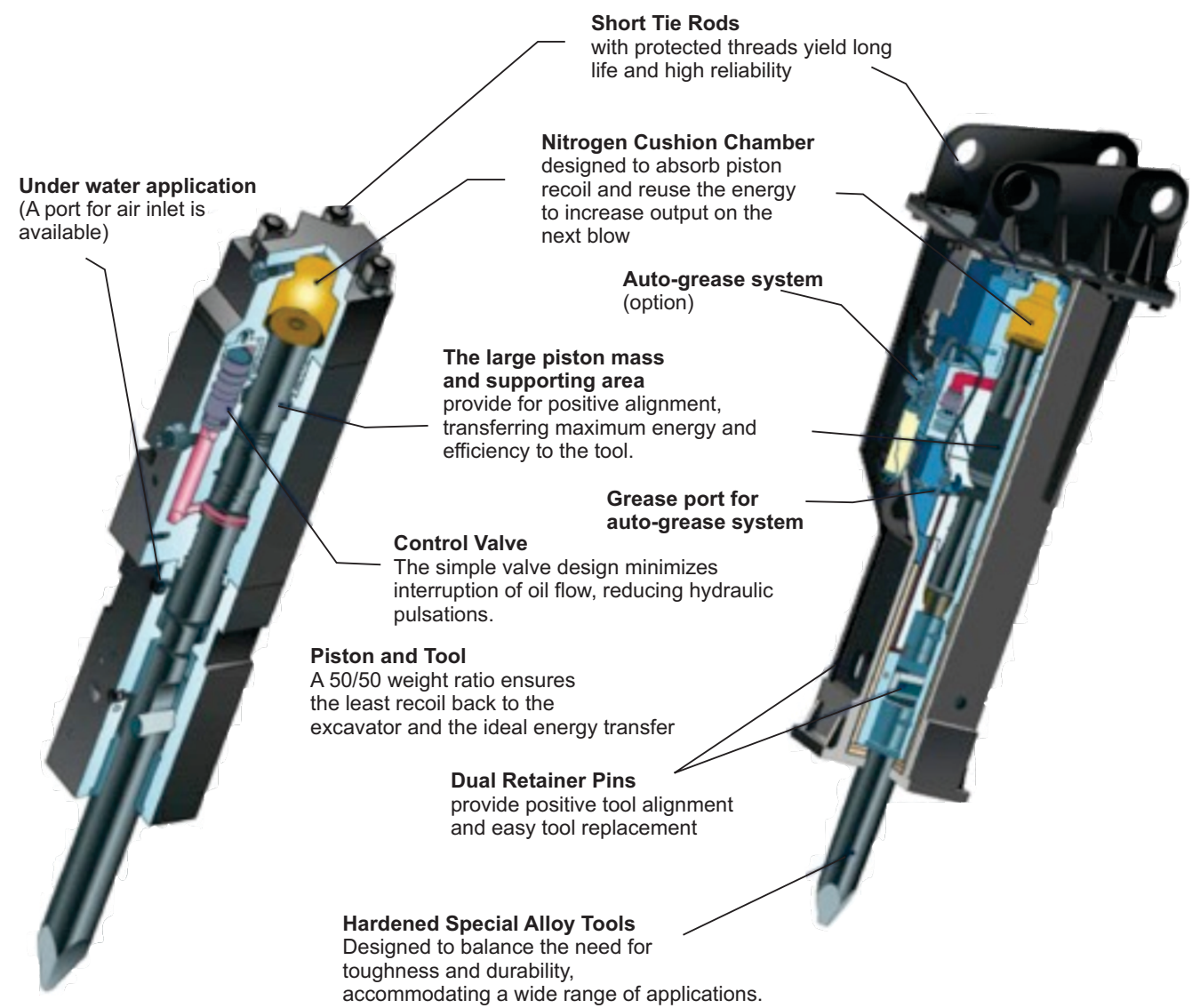
Underwater Demolition

EUROSTAR - High Productivity & High Return of Investment

Eurostar Rock Breaker ensures high productivity and high return of investment due to:

- ★ Perfect mastering of machining tolerance increases the breakers efficiency.
- ★ The optimised main valve controls the piston movement in order to increase the striking power.
- ★ The energy recovery system increases the striking power using the energy generated by the piston rebound. This system allows an automatic increase of the breakers frequency when used on hard materials.
- ★ A system with two automatic speed (F22 onwards), ideal to break up homogeneous materials.

EUROSTAR FEATURES AND BENEFITS



TWO SPEED CONTROL

Eurostar F22 (and bigger models) have two manual speed Stroke can be adjusted by simply reversing the position of the screw on the breaker Stroke control will allow to adjust the breaker frequency to the hardness of the ground for optimised productivity.

POWER & VERSATILITY

Whether you are breaking rock or concrete, or are excavating, Eurostar breakers guarantee optimum performance for all your projects.

Eurostar has developed a unique expertise of hydraulic systems in order to offer superior performance and value to its customers.

EXCAVATOR PROTECTION

EUROSTAR breakers operate without any damage to the excavator.

The hydraulic circuit and the main structure are safely protected.

The pressure peaks are reduced by the optimised design, this prevents damage to pumps and welding cracks due to transmitted stress waves.

Their reliable design ensures high quality steel and high manufacturing precision, downtime is kept to a minimum, thus minimizing operational costs and lengthening the lifespan of the breakers and the excavator.

The **medium range** of breakers covers all makes of excavators between 12 and 25 tonnes in weight, offering reliability and solutions to the customer's needs.

The **heavy range** is designed to be used on excavators over 18 tonnes, for demolition work, in mines, pits and for tunnel excavation as well as public works.

HEAVY DUTY ROCK BREAKER MADE IN EUROPE

