



## TECHNICAL DATA SHEET

version 5.2008

*LithoPore Screwing Pump 800 / 1200* page 1/4

---

### 1. Product Specification

System Name: **Foamconcrete Station System (FCS-System)**  
Trade Name: **LithoPore Screwing Pump 800 / 1200**



Company: **Dr. Lucà & Partner Ingenieurkontor GmbH**  
Telefon: **+49 30 457989680**  
Fax: **+49 30 457989689**  
Email: **info@dr-luca.com**

**LithoPore Screwing pump 800 / 1200** is especially developed for the pumping of foamed concrete. The mobile pumps can be used for pumping foamed concrete up to 60 meters horizontally and 30 meters vertically.

---

### 2. Advantages at a glance

- Easy handling
- Fast maintenance and exchange of spare parts (stator, rotor)
- Mobile pumping unit



Dr. Lucà & Partner Ingenieurkontor GmbH  
Krottnauerstr. 26 • D-14129 Berlin • Germany  
Telephone: +49 (0)30 457989680 • Telefax: +49 (0)30 457989689 • Email: info@dr-luca.com • Internet: <http://www.dr-luca.com>  
Managing Director: Dr. rer. oec. Marcello H. M. Lucà  
HR 45942 Amtsgericht Berlin Charlottenburg • Ust.-Ident.-Nr.: DE155530778 • Steuer-Nr. 29/507/03677  
Bankers: Landes Bank Berlin, Germany • Bank key (BLZ): 100 500 00 • Acc. (Kto.-Nr.): 66 0700 1473  
IBAN: DE3410050000 6607001473 • SWIFT-BIC.: BELADEBEXXX



## TECHNICAL DATA SHEET

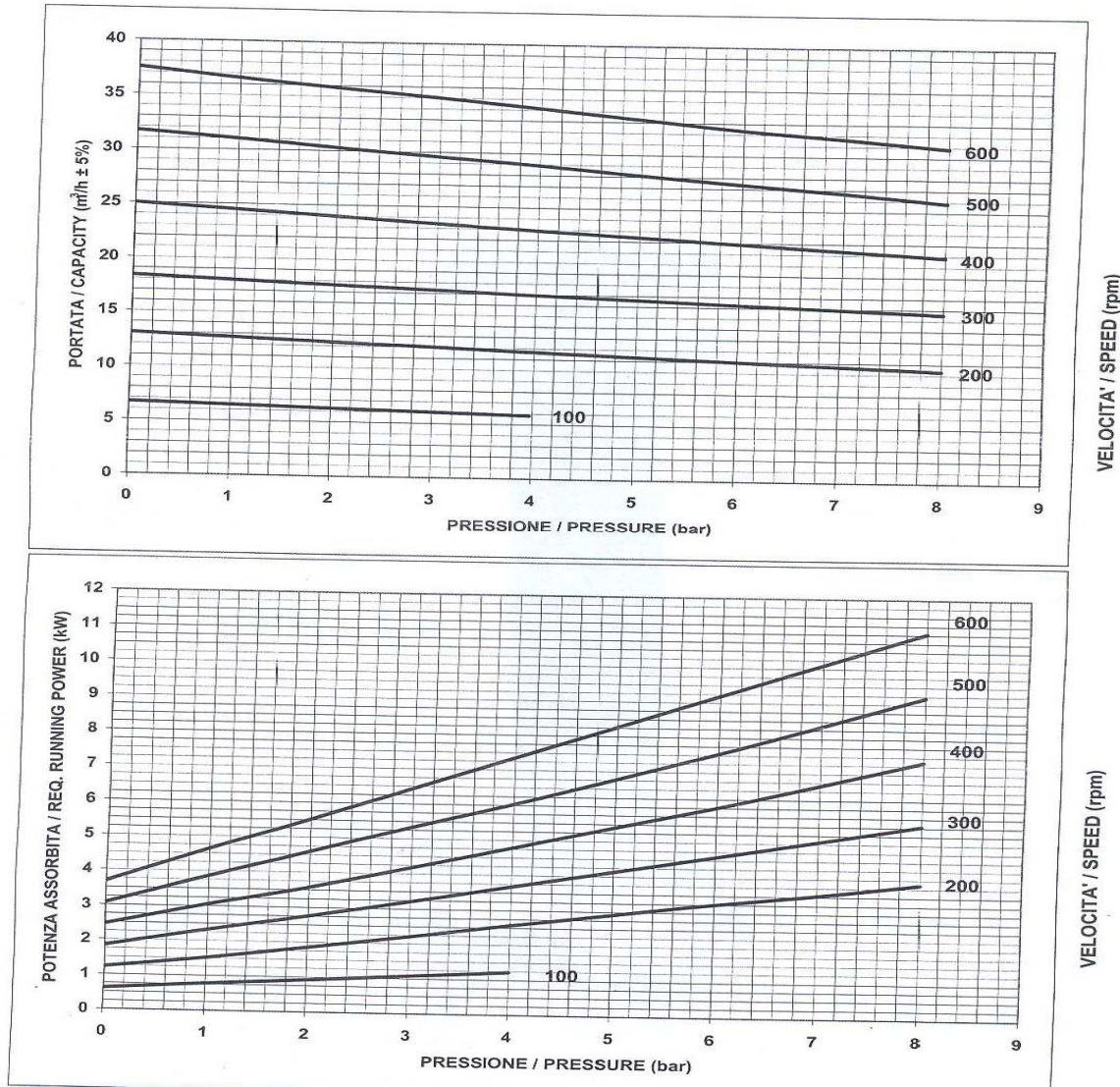
version 5.2008

LithoPore Screwing Pump 800 / 1200 page 2/4

### 3. Technical data

Power LithoPore Screwing Pump 800	7.5 kW
Power LithoPore Screwing Pump 1200	9.2 kW
V	380-420, three phase
Hz	50

#### LithoPore Screwing Pump 800



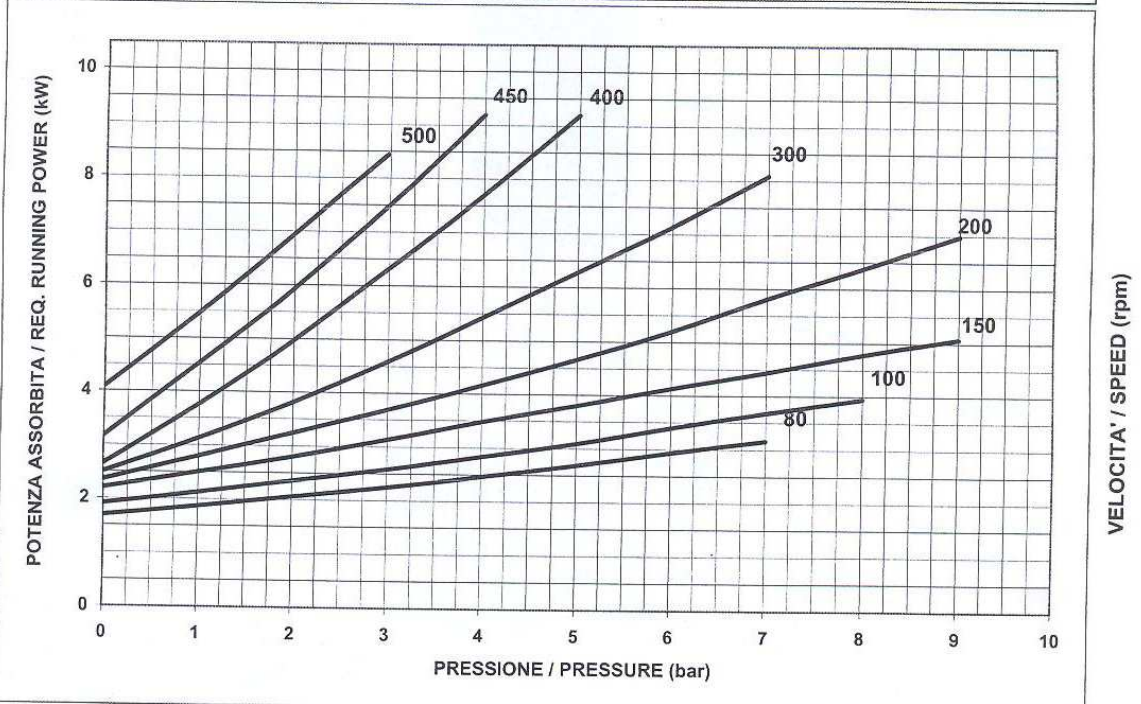
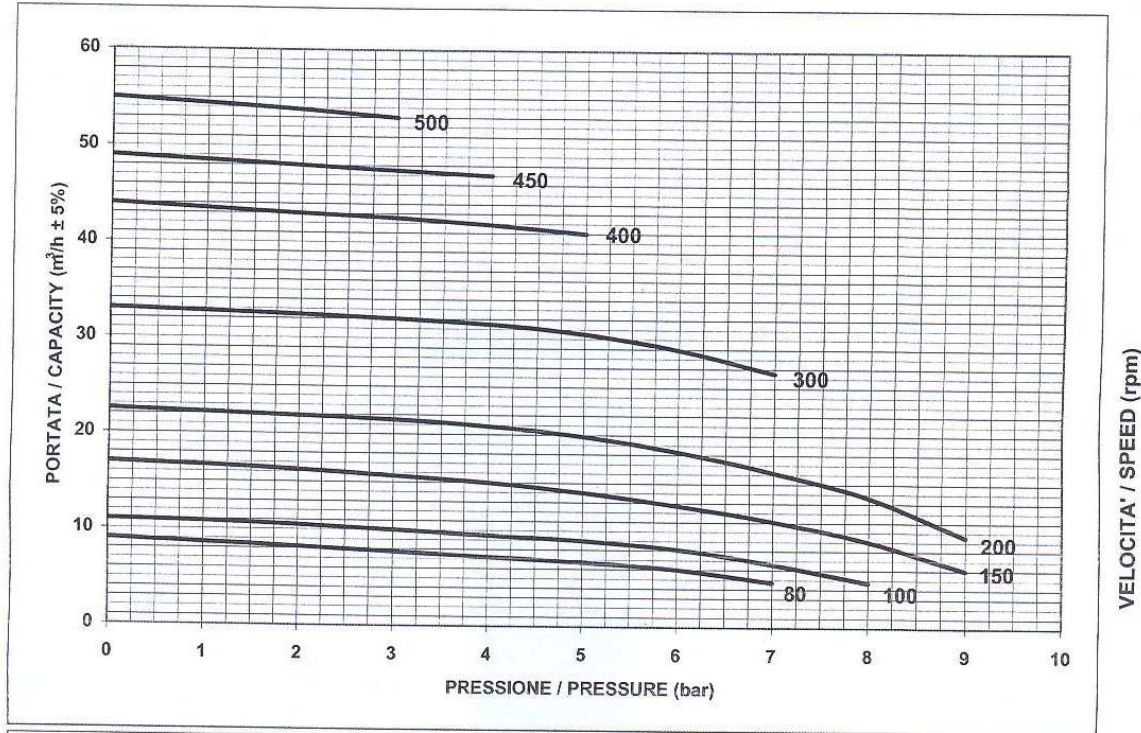


**TECHNICAL DATA SHEET**

version 5.2008

LithoPore Screwing Pump 800 / 1200 page 3/4

**LithoPore Screwing Pump 1200**



Dr. Lucà & Partner Ingenieurkontor GmbH  
Krottnauerstr. 26 • D-14129 Berlin • Germany

Telephone: +49 (0)30 457989680 • Telefax: +49 (0)30 457989689 • Email: info@dr-luca.com • Internet: http://www.dr-luca.com

Managing Director: Dr. rer. oec. Marcello H. M. Lucà

HR 45942 Amtsgericht Berlin Charlottenburg • Ust.-Ident.-Nr.: DE155530778 • Steuer-Nr. 29/507/03677

Bankers: Landes Bank Berlin, Germany • Bank key (BLZ): 100 500 00 • Acc. (Kto.-Nr.): 66 0700 1473

IBAN: DE3410050000 6607001473 • SWIFT-BIC.: BELADEBEXXX



## TECHNICAL DATA SHEET

version 5.2008

LithoPore Screwing Pump 800 / 1200 page 4/4

### 4. Included components

50 m spiral hose (Ø 60 mm) with connections (2x 15m, 1x20m)  
10 m rubber hose (Ø 60 mm) with connections  
30 m power supply cable with plug (32 A)  
water container 1000l  
stop button with 50 meter electric cable

### 5. Application

**LithoPore Screwing Pump 800 / 1200** is only suitable for intense wet mixtures of agents as cement, fine sand, fly ash, organic and inorganic fibres, polystyrene etc. for densities of up to **1400 kg/m<sup>3</sup>** (ready mixed material)

In case of vertical pumping the occurring pressure has to be respected with reference to the foamed concrete density. Specific mix designs have to be tested out to achieve a uniform quality. Due to the occurring pressure the volume of the foamed concrete will be compressed by every further meter in height. Therefore the foamed concrete density has to be controlled on the pump output and the foam quantity has to be adjusted accordingly in the mixer.

The information contained in this product specification is based on our current state of knowledge and experience. It does not free the user from making his own tests and trial applications. A legally binding assurance of certain properties cannot be inferred from this information. Any existing patent rights as well as any pertinent legal regulations must be observed by the recipient of our products under his own responsibility.



Dr. Lucà & Partner Ingenieurkontor GmbH  
Krottnauerstr. 26 • D-14129 Berlin • Germany

Telephone: +49 (0)30 457989680 • Telefax: +49 (0)30 457989689 • Email: info@dr-luca.com • Internet: <http://www.dr-luca.com>

Managing Director: Dr. rer. oec. Marcello H. M. Lucà

HR 45942 Amtsgericht Berlin Charlottenburg • Ust.-Ident.-Nr.: DE155530778 • Steuer-Nr. 29/507/03677

Bankers: Landes Bank Berlin, Germany • Bank key (BLZ): 100 500 00 • Acc. (Kto.-Nr.): 66 0700 1473

IBAN: DE3410050000 6607001473 • SWIFT-BIC.: BELADEBEXXX