



# EMERGENCY SECTOR

***Euromacchine***  
PUMPING INNOVATION

We care about your watering

# COMPANY HIGHLIGHTS

OUR HEADQUARTERS

## COMPANY HIGHLIGHTS

WE PUMP, YOU WORK. IN A BETTER WAY.



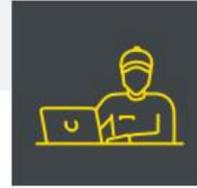
### INNOVATIVE PRODUCTS

- Research & development
- Design & patenting



### MADE TO YOUR NEEDS

- Highly customized solutions and tailor-made products



### CONSULTANCY

Our experts will guide you to find the right solution for your application and the required specifications.



### PRODUCTION

Each machine is manufactured with meticulous craftsmanship, by assembling exclusively the best components on the market.



### ASSISTANCE

We remain by your side for any needs, from installation to commissioning and after-sales service.

# COMPANY HIGHLIGHTS



## STOCKING AREA & JUST-IN-TIME EQUIPMENT

**+8000** sqm  
of warehouse area

**+15000**  
items available



## PRODUCTION LINE

### 7 ASSEMBLY-AREAS

LEAN manufacturing methods

### 1 TEST ROOM

All Euromacchine units  
are 100% tested



EUROMACCHINE

# PUMP

ACADEMY

**Euromacchine Pump Academy** is held by our technicians who share their experience and show the best way to analyze problems and find the right solutions.

During the training sessions, you will access our Test Area where every machine that we produce is being thoroughly tested before dispatch.



# SERIES OVERVIEW



ARDITA SERIES



LAMPO SERIES



SP SERIES

Self-Priming Pumps

# ARDITA™ SERIES

## FOR DEWATERING, WASTEWATER AND SLURRY APPLICATIONS



### OVERALL PERFORMANCES

 MAX FLOW  
**6300** m<sup>3</sup>/h

 MAX PRESSURE  
**240** m

 MAX SOLIDS  
**127** mm

 DISCHARGE SIZES  
**3" TO 24"**

### APPLICATIONS



MUNICIPAL



MINING



IRRIGATION



OIL & GAS



CONSTRUCTION



DRILLING



INDUSTRY & RENTAL



EMERGENCY



MANURE



RELIABILITY

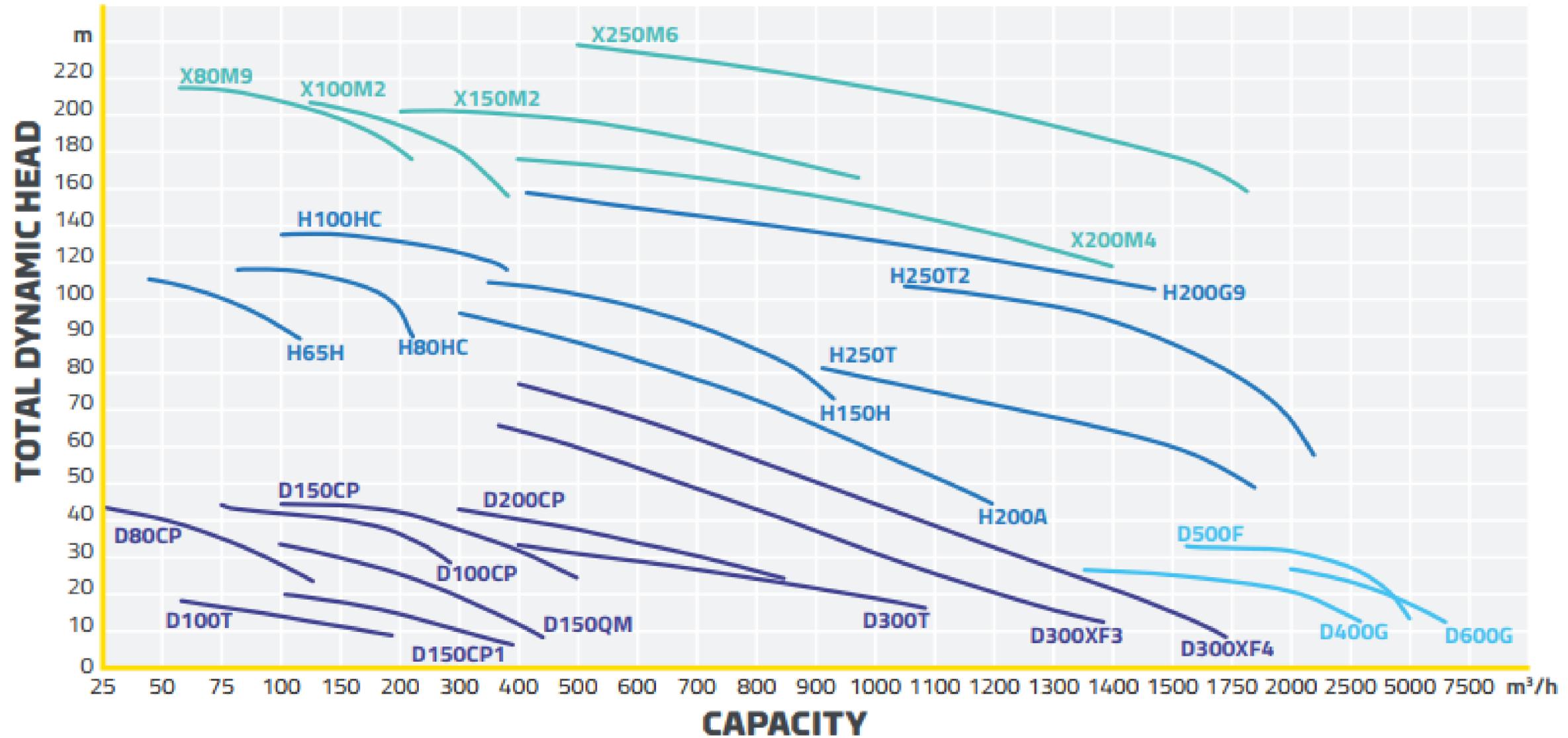
- Robust construction
- Increased serviceability
- Top quality
- Energy saver



INNOVATION

- Integrated digital control
- Packaging modularity
- Highly connected device
- Solids handling capacity

## DEWATERING & WASTEWATER



### LOW & MEDIUM FLOW

- D80CP
- D100T
- D100Q
- D100QM
- D150CP
- D150CP1
- D150Q
- D150QM
- D200CP
- D200Q
- D200T11
- D300T
- D300XF3
- D300XF4

### HIGH FLOW

- D400G
- D450G
- D500F
- D600G

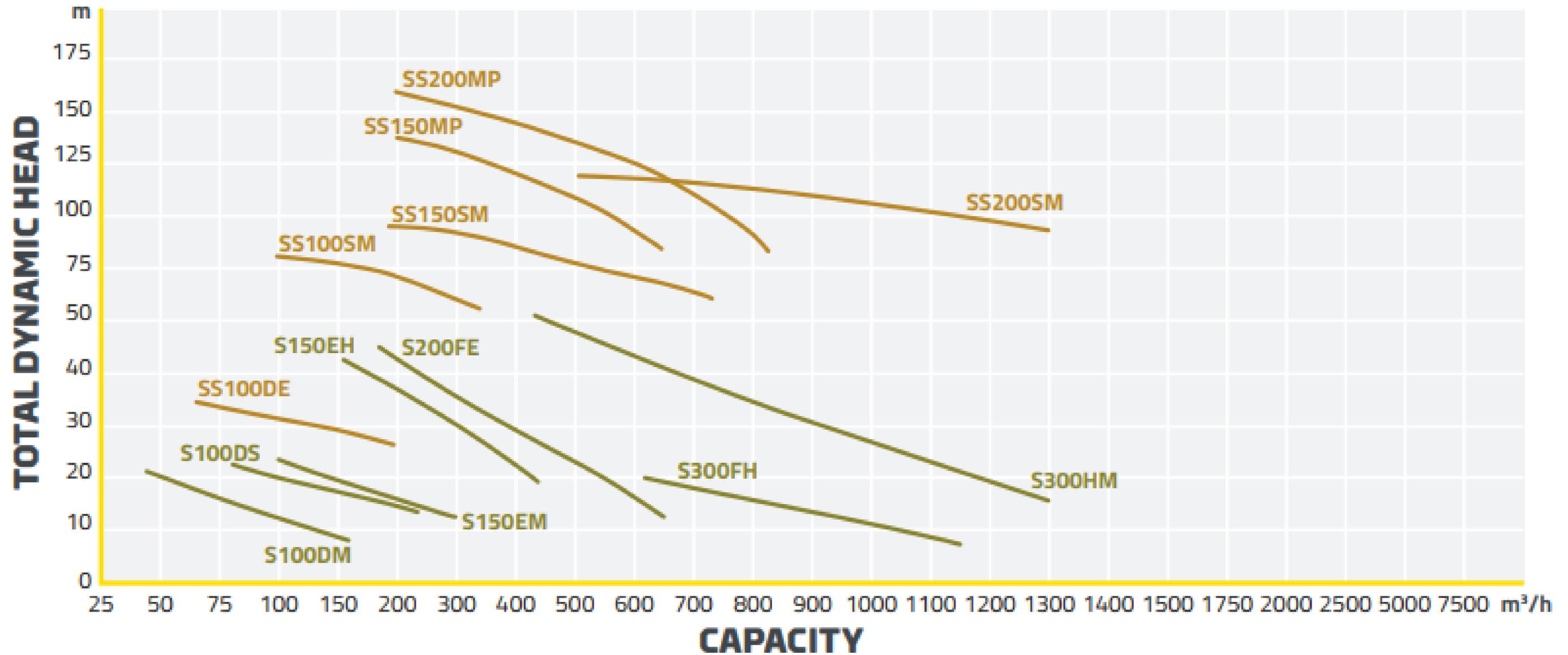
### HIGH PRESSURE

- H65H
- H80HC
- H100HC
- H150H
- H150TB
- H200A
- H200G9
- H250T
- H250T2

### EXTREME PRESSURE

- X80M7
- X80M9
- X100M2
- X100T9
- X150M2
- X150T9
- X200M4
- X250M6

## SEWAGE OR SLURRY



### SEWAGE

- S100V ● S100DM ● S150EM ● S200FE ● S300HM
- S150V ● S100DS ● S150EH ● S300FH

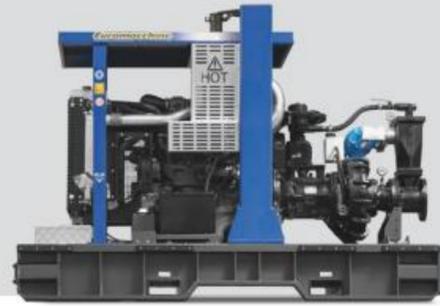
### SLURRY

- SS100DE ● SS100MP ● ● SS150MP ● SS200MP
- SS100SM ● SS150EH ● ● SS150SM ● SS200SM

**ARDITA BUILD OPTIONS**  
**VERSIONS & CONFIGURATIONS**  
 MADE TO YOUR REQUIREMENTS



**D-ARDITA**  
 SUPER SILENT



**D-ARDITA**  
 ROOF



**E-ARDITA**  
 SUPER SILENT



**E-ARDITA**  
 OPEN



**ARDITA**  
 STREET TRAILER



**ARDITA**  
 SLOW TRAILER

**PUMPS BUILD QUALITY**  
**PUMP FEATURES**  
 THE TOP BRANDS ON THE MARKET



**AUTOMATIC PRIMING SYSTEM**

Fully automatic pump priming and re-priming system.



**DRY RUNNING CAPABILITY**

Seal lubrication and cooling system that protects the seal during dry running operation.



**CONSTRUCTION MATERIALS**

Our units use high-quality cast iron, bronze-fitted, or all-iron construction for durability; CD4MCu optional.



**SHAFT SEAL PROTECTION**

Special backplate designs keeping solids away and special seal options.

**ARDITA RANGE**  
**TYPES OF IMPELLERS & APPLICATIONS**  
 A WIDE RANGE OF HYDRAULICS IN ARDITA PUMP SETS



**CHANNEL IMPELLER**  
 SINGLE OR MULTI VANE(S), ENCLOSED AND WEAR RING(S)

- ✓ Irrigation, jetting, firefighting
- ✓ Industrial & domestic water supply
- ✓ Light wastewater
- ✓ Construction dewatering
- ✓ Fine slurries, tailings
- ✓ Petrochemical processes

- GENERAL SOLIDS HANDLING
- RAGS & WIPES HANDLING
- SLURRY HANDLING
- HYDRAULIC EFFICIENCY
- PRESSURE CAPABILITY
- WEAR RESISTANCE



**SEMI-OPEN IMPELLER**  
 OPEN VANES FACING A STATIONARY WEAR PLATE

- ✓ Various raw water applications
- ✓ Surface water run off
- ✓ Flood protection
- ✓ Screened municipal sewage
- ✓ Industrial effluents
- ✓ General use rental applications

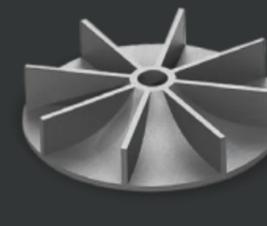
- GENERAL SOLIDS HANDLING
- RAGS & WIPES HANDLING
- SLURRY HANDLING
- HYDRAULIC EFFICIENCY
- PRESSURE CAPABILITY
- WEAR RESISTANCE



**SCREW IMPELLER**  
 CONE-SHAPED SINGLE VANE WITH STATIONARY WEAR CONE

- ✓ Raw sewage, unscreened
- ✓ Municipal wastewater
- ✓ Construction bentonite
- ✓ Large solids laden liquids
- ✓ Food product handling
- ✓ Fish handling

- GENERAL SOLIDS HANDLING
- RAGS & WIPES HANDLING
- SLURRY HANDLING
- HYDRAULIC EFFICIENCY
- PRESSURE CAPABILITY
- WEAR RESISTANCE



**VORTEX IMPELLER**  
 OPEN VANES, RECESSED INTO THE PUMP CASING, NO WEAR PLATE

- ✓ Raw sewage, unscreened
- ✓ High gas content liquids
- ✓ Slurries
- ✓ Large solids laden liquids
- ✓ Municipal wastewater
- ✓ High fiber content liquids

- GENERAL SOLIDS HANDLING
- RAGS & WIPES HANDLING
- SLURRY HANDLING
- HYDRAULIC EFFICIENCY
- PRESSURE CAPABILITY
- WEAR RESISTANCE



## MAIN SPECIFICATIONS



**PUMP**  
Cornell 8812T



**PRESSURE**  
Up to 34 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 940 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Redi-Prime



**WEIGHT**  
2.400 kg



## MAIN SPECIFICATIONS



**PUMP**  
Cornell 4414T



**PRESSURE**  
Up to 70 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 280 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Redi-Prime



**WEIGHT**  
2.000 kg



## MAIN SPECIFICATIONS



### PUMP

Cornell 6612T



### PRESSURE

Up to 50 meters



### SOLIDS HANDLING

3" - 76 mm



### FLOW RATE

Up to 630 m<sup>3</sup>/hour



### PRIMING SYSTEM

Redi-Prime



### WEIGHT

2.700 kg (TRAILER INCLUDED)



MAIN SPECIFICATIONS



**PUMP**

Cornell 6612T



**PRESSURE**

Up to 50 meters



**SOLIDS HANDLING**

3" - 76 mm



**FLOW RATE**

Up to 630 m<sup>3</sup>/hour



**PRIMING SYSTEM**

Redi-Prime



**WEIGHT**

2.400 kg (TRAILER INCLUDED)



## MAIN SPECIFICATIONS



**PUMP**  
Cornell 6NNT



**PRESSURE**  
Up to 35 meters



**SOLIDS HANDLING**  
3" - 76 mm



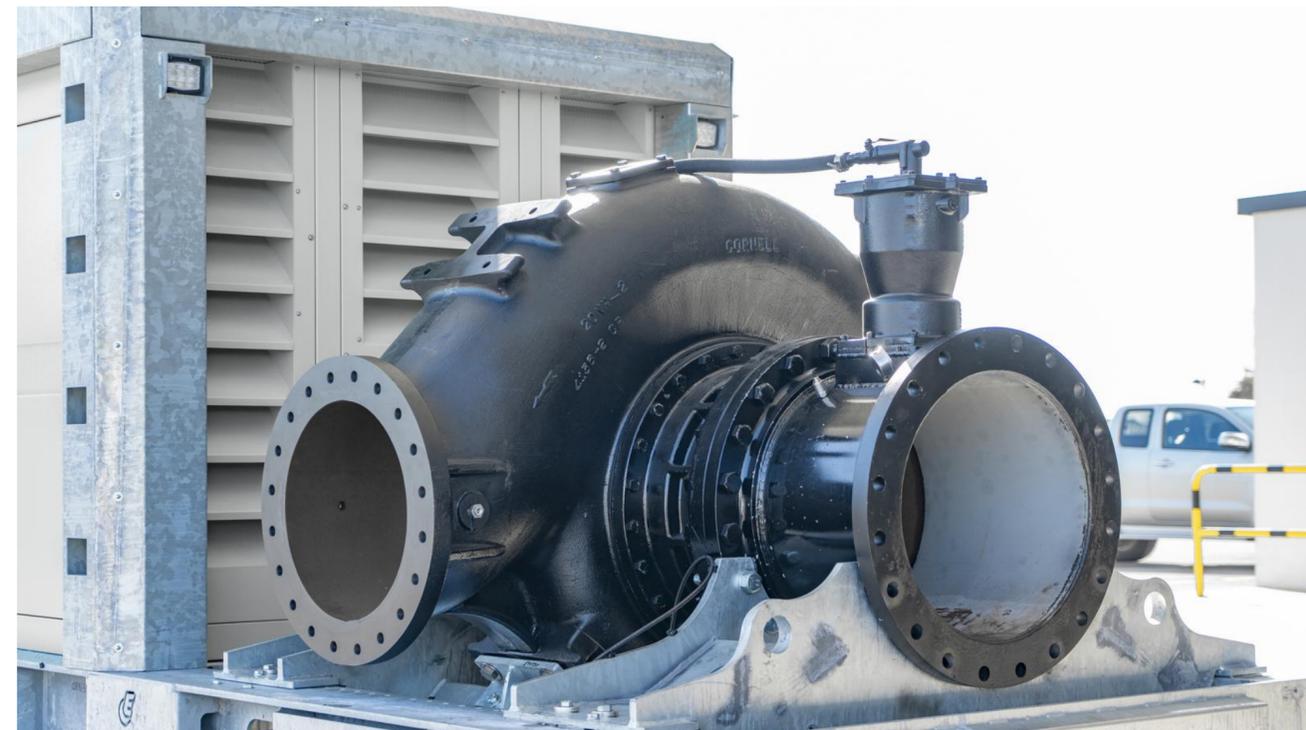
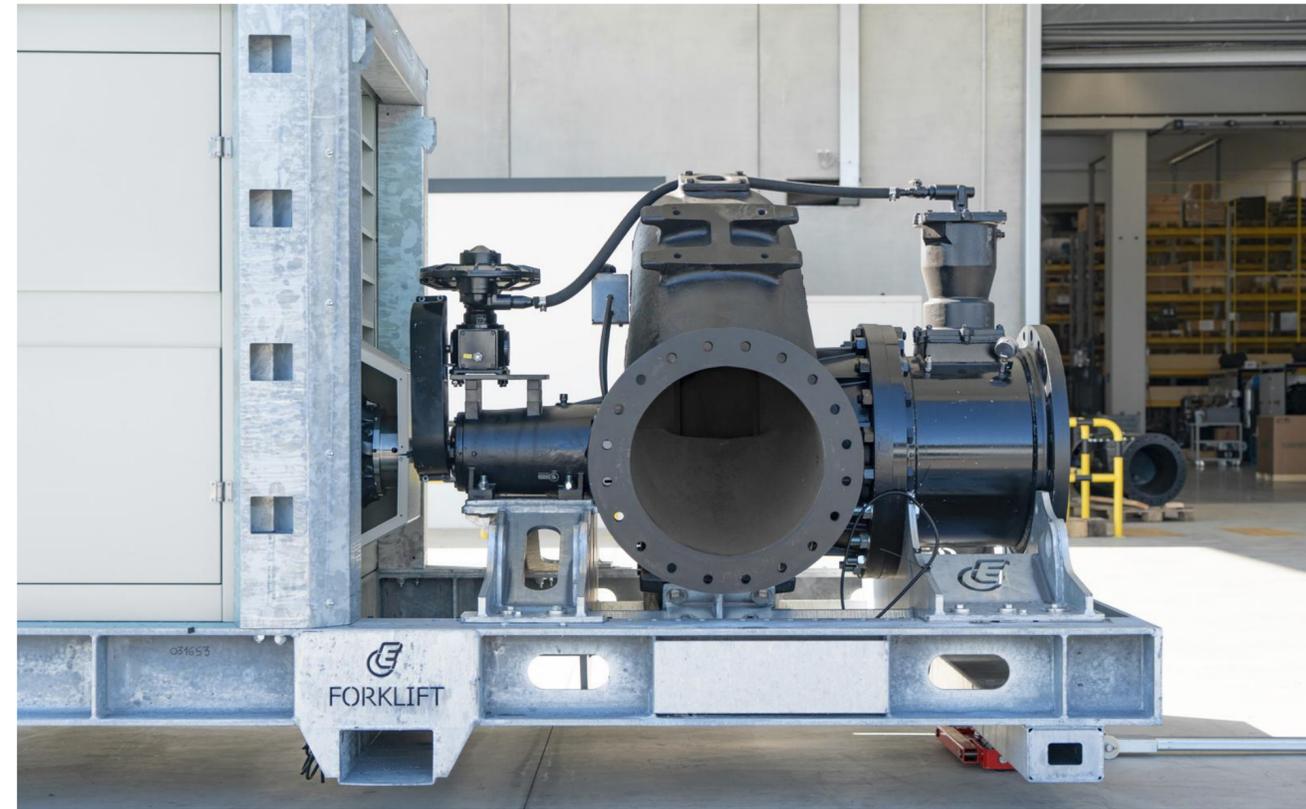
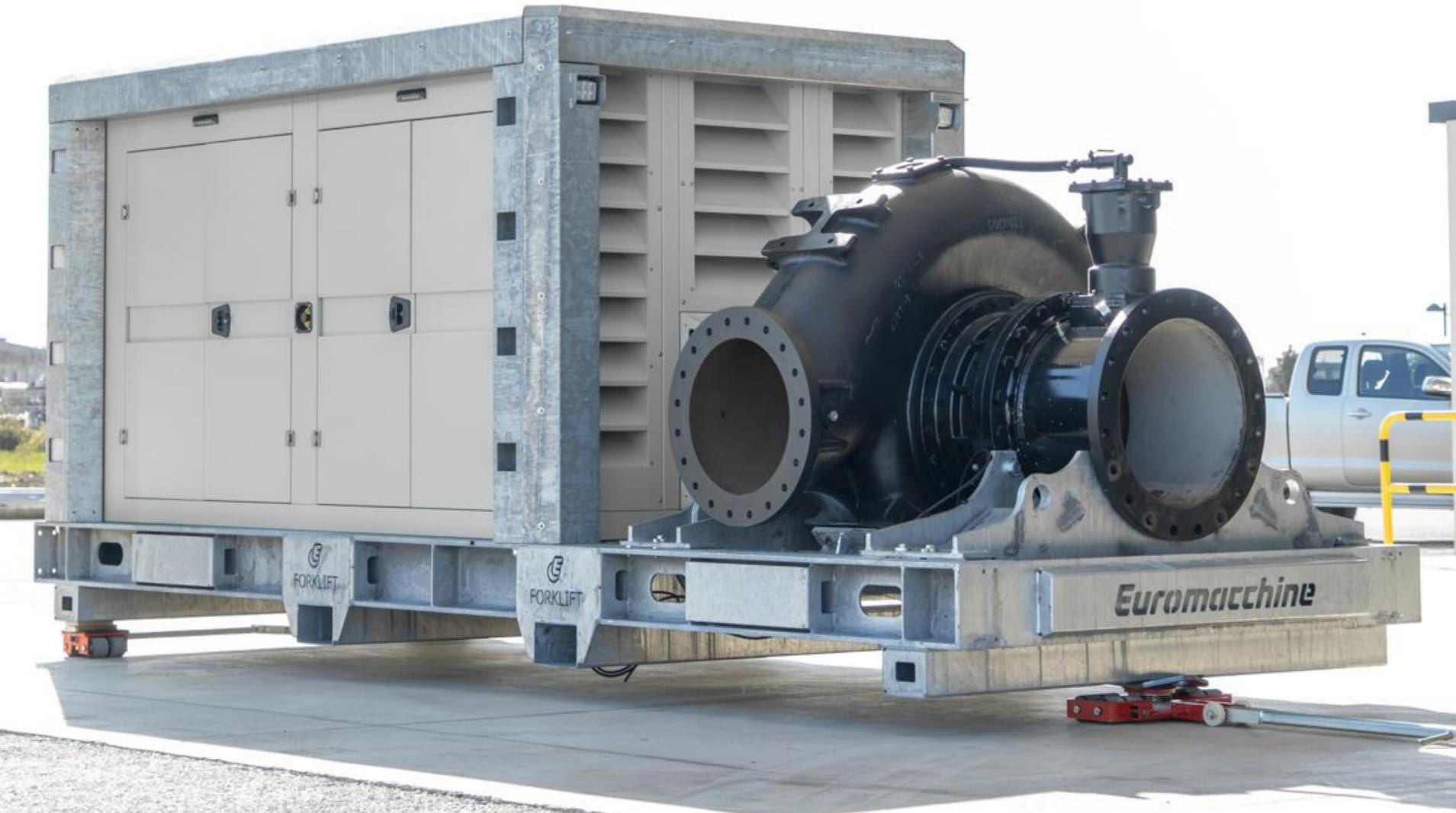
**FLOW RATE**  
Up to 620 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Redi-Prime



**WEIGHT**  
2.300 kg (TRAILER INCLUDED)



MAIN SPECIFICATIONS



**PUMP**  
Cornell 20NHF



**PRESSURE**  
Up to 25 meters



**SOLIDS HANDLING**  
5" - 127 mm



**FLOW RATE**  
Up to 4.500 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Redi-Prime



**WEIGHT**  
7.500 kg



## MAIN SPECIFICATIONS



**PUMP**  
Cornell 8H



**PRESSURE**  
Up to 70 meters



**SOLIDS HANDLING**  
1,25" - 32 mm



**FLOW RATE**  
Up to 940 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Redi-Prime



**WEIGHT**  
4.500 kg







# BOOSTER UNIT

# ITALIAN FIREBRIGADES

## MAIN SPECIFICATIONS



**FLOW RATE**  
Up to 150 mc/h



**PRESSURE**  
Up to 12,0 bar



**SPECIFICATIONS**  
NO RADIATOR



# LAMPO™ EMERGENCY

THE MULTIFUNCTIONAL ANSWER TO THE MOST DEMANDING SITUATIONS



## TECHNICAL SPECS



**CAPACITY**  
Up to 500 m<sup>3</sup>/h



**PRESSURE**  
Up to 40 m



**SOLIDS HANDLING**  
Up to 86 mm - 3.38"



**DISCHARGE FLANGE**  
Up to DN200 - 8"

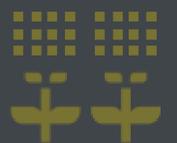
## APPLICATIONS



MUNICIPAL



MINING



IRRIGATION



OIL & GAS



CONSTRUCTION



DRILLING



INDUSTRY & RENTAL



EMERGENCY



MANURE



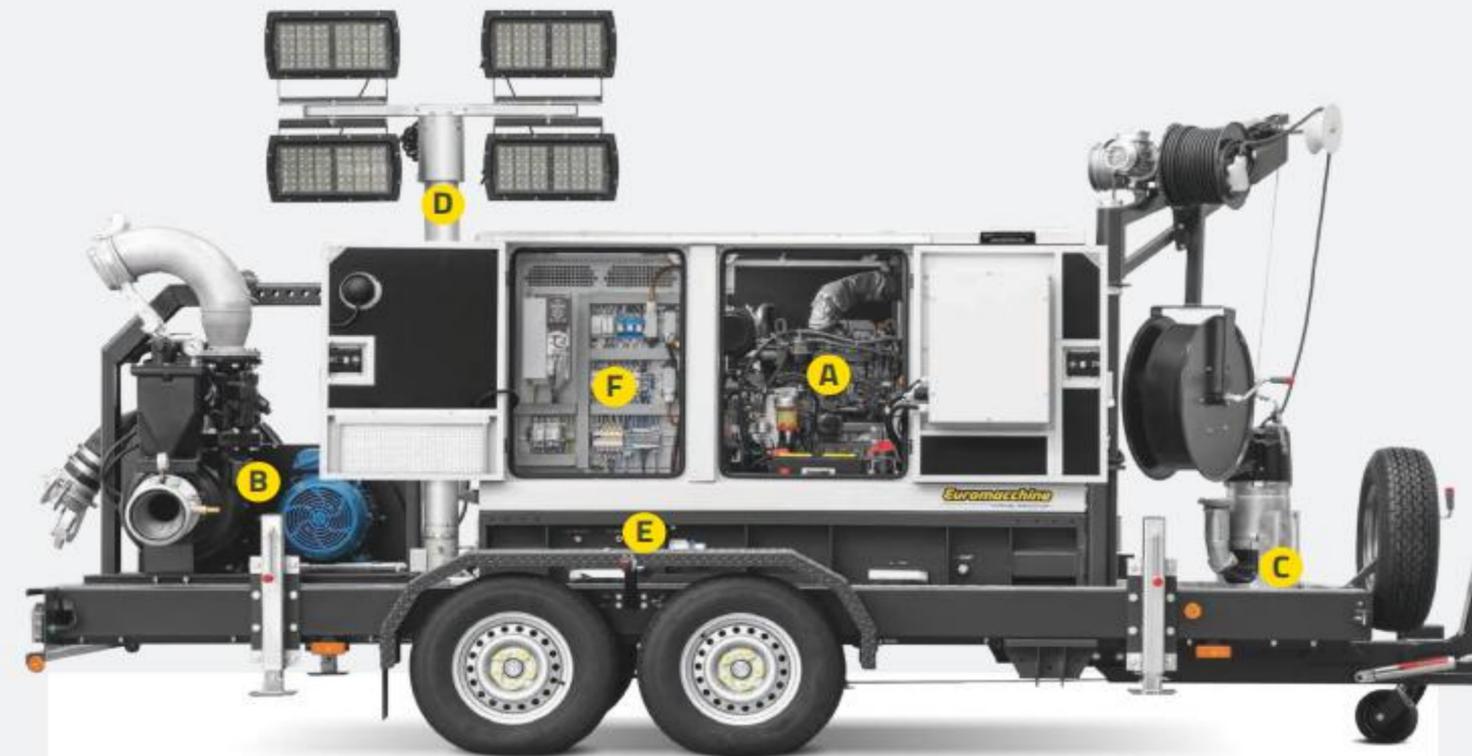
RELIABILITY

- Multifunctional Group
- Versatility
- Built for tough environments
- Ready to use



ALL IN ONE

- 1 or 2 pump sets
- Lighting tower
- Power Generator
- Air compressor



- A** GEN SET
- B** HORIZONTAL PUMP
- C** SUBMERSIBLE PUMP
- D** LIGHTING TOWER
- E** COMPRESSOR
- F** INVERTER (VFD)

## 2 PUMPING SOLUTIONS under VFD control

### 1 PUMP A HORIZONTAL PUMP

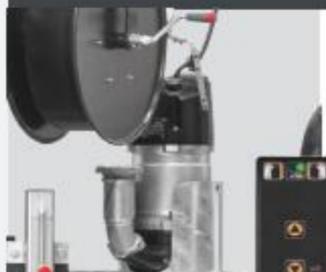
Equipped with horizontal centrifugal high volume vacuum assisted and self-priming pump under VFD.



-  **CAPACITY**  
Up to 500 m<sup>3</sup>/h
-  **PRESSURE**  
Up to 40 m

### 2 PUMP B SUBMERSIBLE PUMP

Submersible electric pump for manholes, moved by an electric winch.



-  **CAPACITY**  
Up to 250 m<sup>3</sup>/h
-  **PRESSURE**  
Up to 90 m

## FUNCTIONS

### 1 POWER GENERATOR 3P, 1P & SCHUKO SOCKETS

Alternator erogates power to the electrical Schuko, Three & Mono phases sockets.

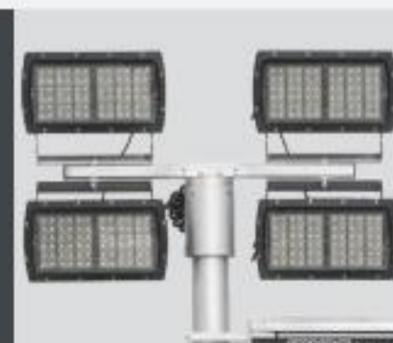


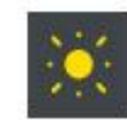
-  **POWER**  
Up to 200 kVA



### 2 LIGHTING TOWER 4 POWERFUL LED PANELS

4 large LED panels, thanks to their high brightness illuminates the entire surrounding area.



-  **BRIGHTNESS**  
Up to 160 lm

-  **HEIGHT**  
Up to 6 m

### 3 AIR COMPRESSOR FOR TOWER MAST & TOOLING

Lift up the tower light and use the plug-in ready connectors for air tools.



-  **FLOW**  
Up to 50 l/s

-  **PRESSURE**  
Up to 10 bar

### 4 VFD VARIABLE FREQUENCY DRIVE

Adjust pump speed to vary flow and head depending on the application requirements.



-  **FREQUENCY**  
Up to 75Hz



## MAIN SPECIFICATIONS



**PUMP**  
6" Self-Priming



**PRESSURE**  
Up to 20 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 300 m<sup>3</sup>/hour



**GEN-SET POWER**  
60 kVA



**WEIGHT**  
2.800 kg



## MAIN SPECIFICATIONS



**PUMP**  
6" Redi-Prime



**PRESSURE**  
Up to 20 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 410 m<sup>3</sup>/hour



**GEN-SET POWER**  
60 kVA



**WEIGHT**  
3.500 kg



**MAIN SPECIFICATIONS**



**HORIZONTAL PUMP**  
4414T Redi-Prime



**PRESSURE**  
Up to 35 meters



**SOLIDS HANDLING**  
3" - 76 mm



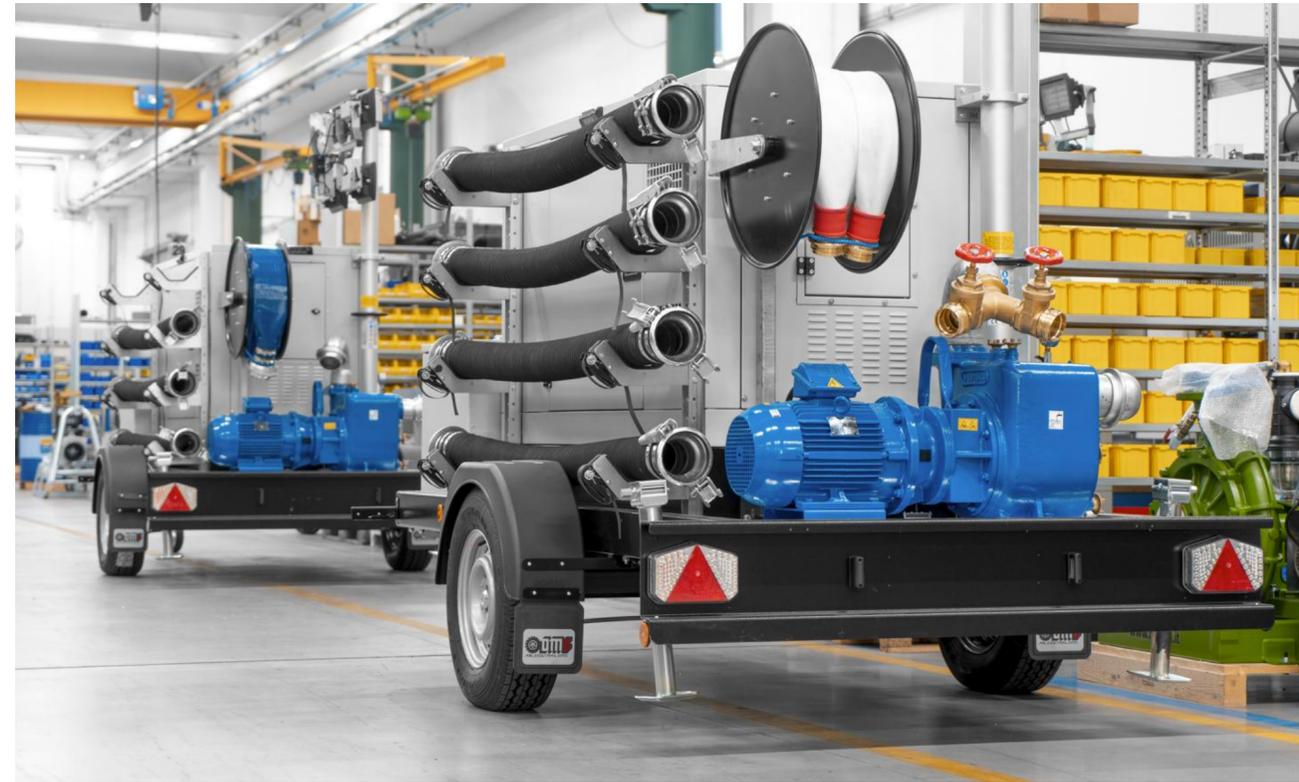
**FLOW RATE**  
Up to 200 m<sup>3</sup>/hour



**GEN-SET POWER**  
20 kVA



**WEIGHT**  
3.500 kg



MAIN SPECIFICATIONS



**PUMP**  
4' or 6" Self-Priming



**PRESSURE**  
Up to 20 meters



**SOLIDS HANDLING**  
2" - 45 mm



**FLOW RATE**  
160 or 300 m<sup>3</sup>/hour



**GEN-SET POWER**  
20 kVA



**WEIGHT**  
2.000 kg



## MAIN SPECIFICATIONS



### PUMP

4' or 6" Self-Priming



### PRESSURE

Up to 20 meters



### SOLIDS HANDLING

2" - 45 mm



### FLOW RATE

160 or 300 m<sup>3</sup>/hour



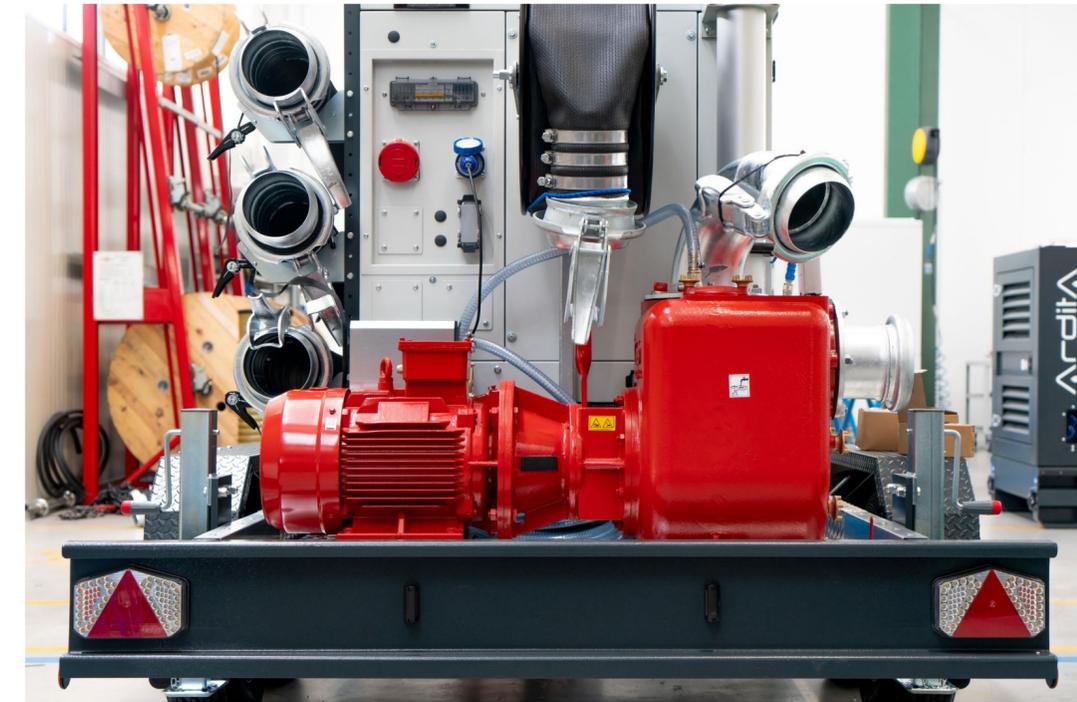
### GEN-SET POWER

20 kVA



### WEIGHT

2.000 kg



## MAIN SPECIFICATIONS



**GEN-SET POWER**  
20 kVA



**WEIGHT**  
2.800 kg



**HORIZONTAL PUMP**  
6" Self-Priming



**FLOW RATE**  
300 m<sup>3</sup>/hour



**PRESSURE**  
20 meters



**SOLIDS HANDLING**  
3" - 76 mm



**SUBMERSIBLE PUMP**  
4" Waste Water



**FLOW RATE**  
90 m<sup>3</sup>/hour



**PRESSURE**  
35 meters



**SOLIDS HANDLING**  
2" - 50 mm



**MAIN SPECIFICATIONS**



**SUBMERSE PUMP**  
4" SP Grundfos



**VERTICAL PUMP**  
4" CR Grundfos



**GEN-SET POWER**  
80 kVA



**FLOW RATE**  
80 m<sup>3</sup>/hour



**FLOW RATE**  
80 m<sup>3</sup>/hour



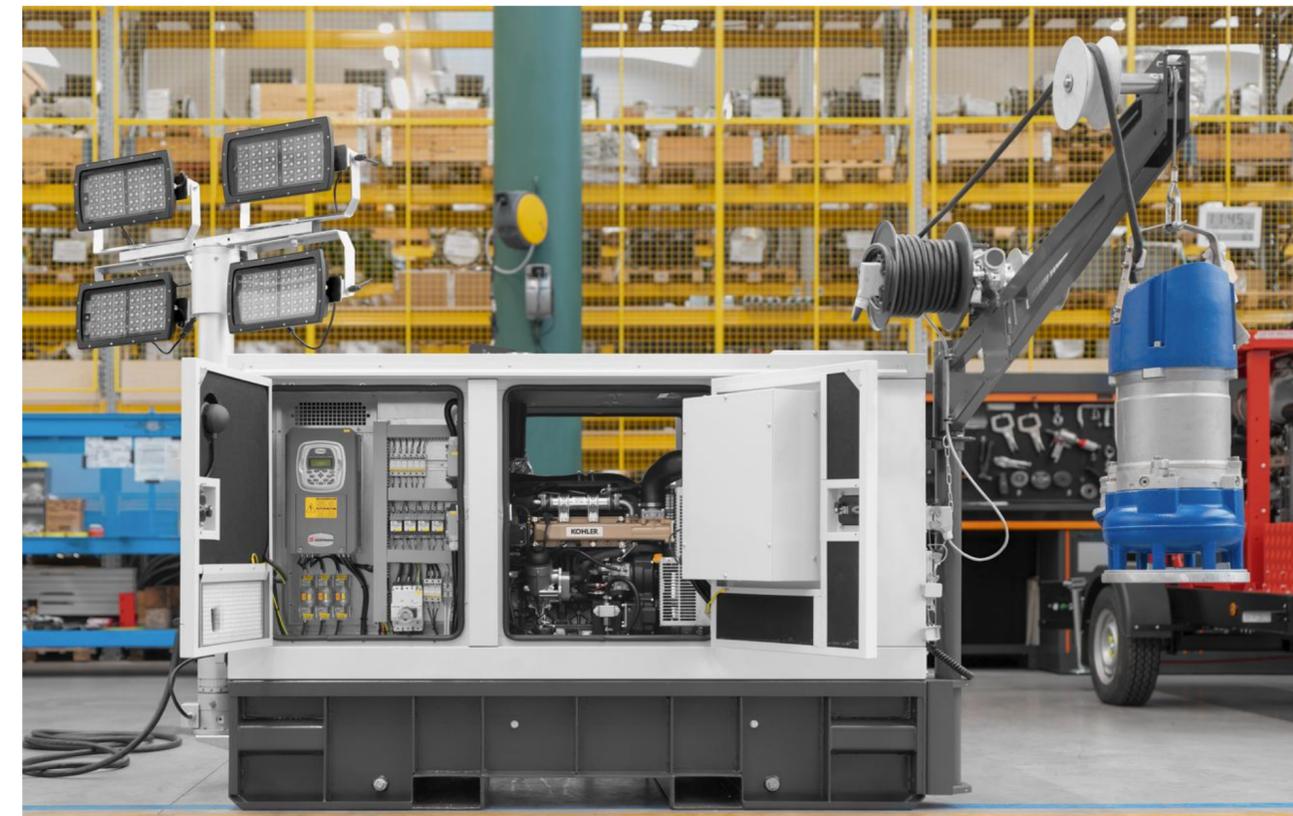
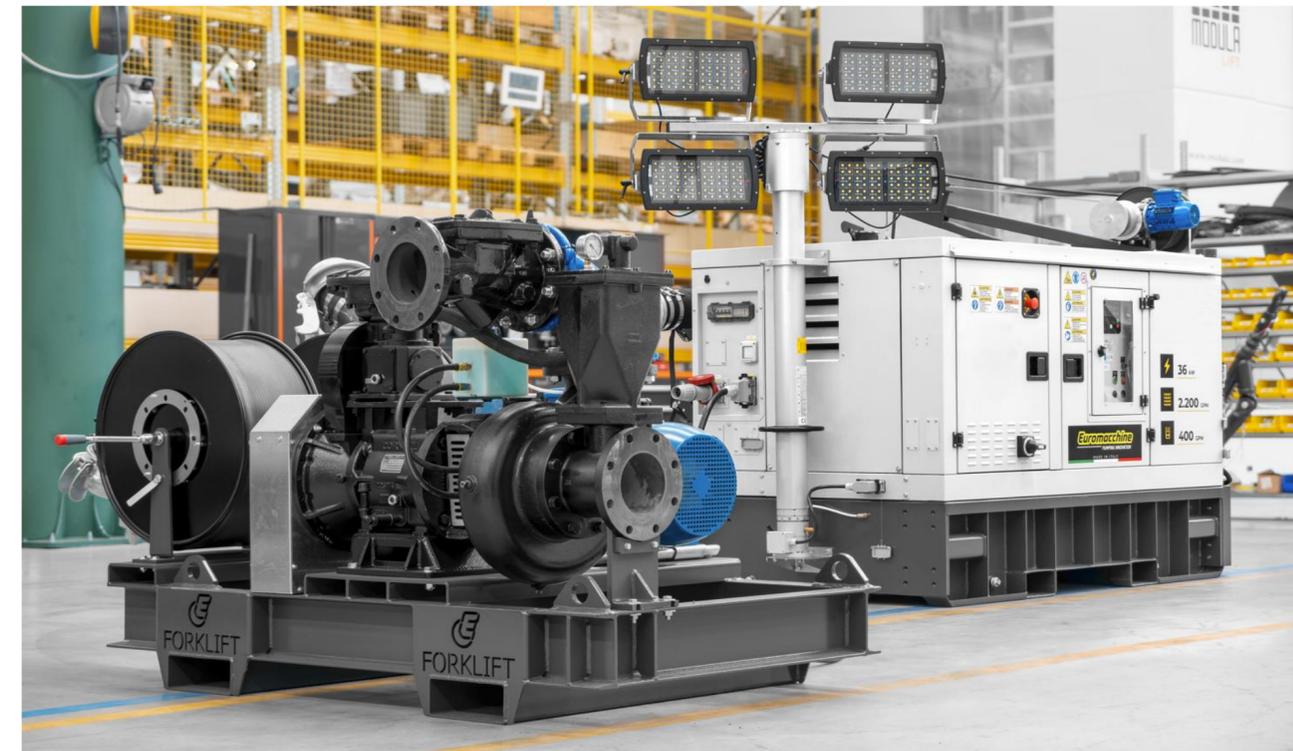
**WEIGHT**  
2.000 kg



**PRESSURE**  
20 meters



**PRESSURE**  
80 meters



**MAIN SPECIFICATIONS**



**PUMP**

6NNT Redi-Prime



**PRESSURE**

Up to 25 meters



**SOLIDS HANDLING**

3" - 76 mm



**FLOW RATE**

Up to 450 m<sup>3</sup>/hour



**GEN-SET POWER**

36 kVA



**WEIGHT**

2.000 kg



## MAIN SPECIFICATIONS



**PUMP**  
6" Self-Priming



**PRESSURE**  
Up to 20 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 300 m<sup>3</sup>/hour



**GEN-SET POWER**  
100 kVA



**WEIGHT**  
3.500 kg

# SELF-PRIMING

## SELF-PRIMING PUMP UNITS CUSTOM SOLUTION FOR ANY TYPE OF NEED



- 100% customizable
- Any type of need
- Top quality materials



- Flood areas management
- Bypass pumping
- River level control

### TECHNICAL SPECS



**CAPACITY**  
Up to 1,450 m<sup>3</sup>/h



**PRESSURE**  
Up to 40 m



**SOLIDS HANDLING**  
Up to 76 mm - 3"



**DISCHARGE FLANGE**  
Up to DN300 – 12"

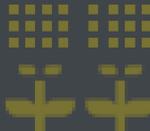
## APPLICATIONS



MUNICIPAL



MINING



IRRIGATION



OIL & GAS



CONSTRUCTION



DRILLING



INDUSTRY & RENTAL



EMERGENCY



MANURE

# SELF-PRIMING

# SPANISH FIREBRIGADES



## MAIN SPECIFICATIONS



**PUMP**  
Cornell 6STX 6"



**PRESSURE**  
Up to 25 meters



**SOLIDS HANDLING**  
3" - 76 mm



**FLOW RATE**  
Up to 350 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Self-Priming



**WEIGHT**  
1.500 kg

# SELF-PRIMING

# ITALIAN FIREBRIGADES



## MAIN SPECIFICATIONS



**PUMP**  
6"



**PRESSURE**  
Up to 45 meters



**SOLIDS HANDLING**  
2" - 50 mm



**FLOW RATE**  
Up to 360 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Self-Priming



**WEIGHT**  
1.500 kg

# SELF-PRIMING

# ITALIAN FIREBRIGADES



## MAIN SPECIFICATIONS



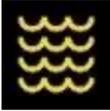
**PUMP**  
6"



**PRESSURE**  
Up to 45 meters



**SOLIDS HANDLING**  
2" - 50 mm



**FLOW RATE**  
Up to 360 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Self-Priming



**WEIGHT**  
1.500 kg

# SELF-PRIMING

# ITALIAN BUSH FIRE SERVICES



## MAIN SPECIFICATIONS



**PUMP**  
6"



**PRESSURE**  
Up to 205 meters



**SOLIDS HANDLING**  
3" - 72 mm



**FLOW RATE**  
Up to 300 m<sup>3</sup>/hour



**PRIMING SYSTEM**  
Self-Priming



**WEIGHT**  
1.500 kg

# TRAININGS & DEMONSTRATIONS

