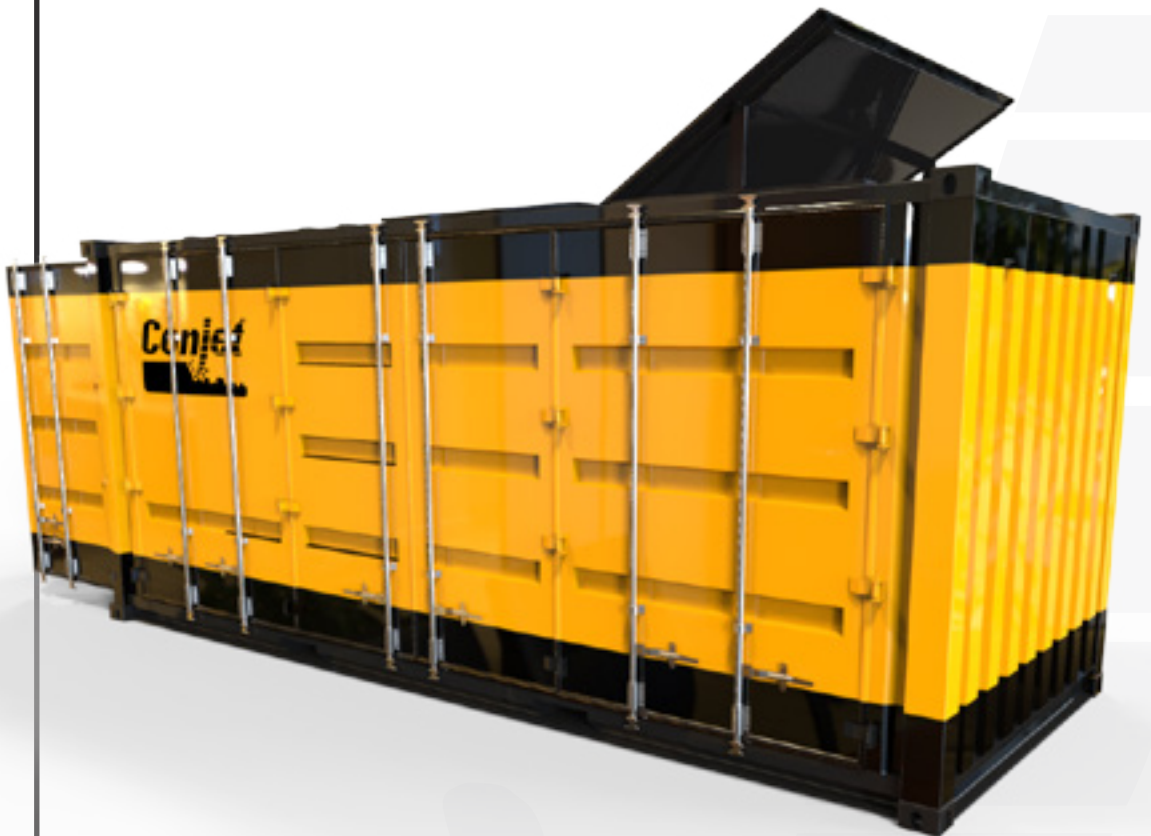


Powerpack

Conjet
Powerpacks



CONJET AB

P.O. Box 507
SE-136 25 HANINGE
SWEDEN

PHONE:
+46 (0)8 55 65 22 40

FAX:
+46 (0)8 55 65 22 60

E-MAIL:
conjet@conjet.com

WEBSITE:
www.conjet.com

APPLIED WATERJET TECHNOLOGY



Conjet Powerpacks

Conjet Powerpacks - designed for contractors

Conjet Technology removes concrete without causing cracks or damaging the reinforcement, resulting in a good bonding surface. This technology requires a reliable supply of high pressure water.

A construction site places special requirements on equipment. The Hammelmann high pressure pump and Caterpillar engine installed in a purpose built 20 ft container (standard ISO measurements) meet these requirements, providing a reliable and robust powerpack for your project.

The standard range of Conjet Powerpacks are supplied with ratings of 250 - 800 kW, flows of 57 - 437 l/min and pressures of 1000 - 2400 bar to suit a wide range of applications. The container is silenced to meet all noise emission standards, including an internally mounted exhaust muffler. A two-stage, stainless steel water filtration system with stainless steel water tank and belt driven booster pump is installed for maximum reliability.

Notable features in the Conjet Powerpack:

- Integrated emergency stop circuits for improved safety
- Control room separated from the pump/engine
- Exhaust emissions are controlled to meet U.S EPA and EU regulations
- Silenced and insulated to meet noise emission and tough climate conditions
- Designed to operate 24 h/day, 7 days/week
- Electronic control system for the pump and engine
- Force-feed lubrication of the high pressure pump protects the pump even under extreme operating conditions
- Rigid design certified for sea transport (ISO standard)
- Side doors for easy access during maintenance



Inlet and outlet for hoses and cables, conveniently fitted through a shared hatch

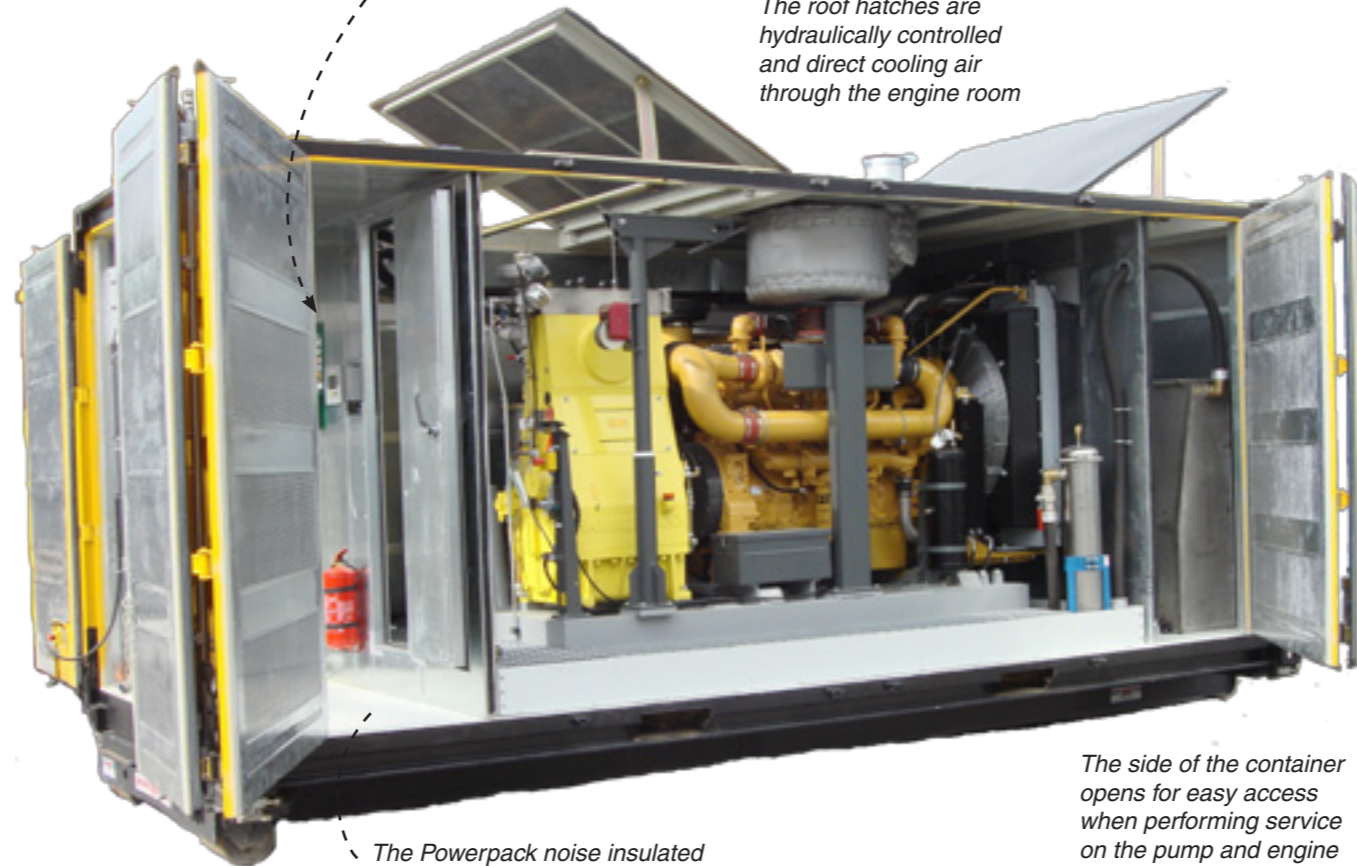


The Powerpack has an electrical distribution central, handling all electricity in the unit

The collection tray with drain plug prevents oil and fuel spillage from polluting the worksite



The roof hatches are hydraulically controlled and direct cooling air through the engine room



The Powerpack noise insulated control room is separated from the engine and pump room

The side of the container opens for easy access when performing service on the pump and engine

World wide experience

Our Powerpacks have been successfully used in a wide range of projects throughout the world, from tight tunnels to busy roads. We use our experience to help you with your project.



A Conjet Powerpack 345-360 kW supplying a Conjet Robot 364 MPA removing chloride damaged concrete from a quay. Clean water for the hydrodemolition process is supplied by the water tank trailer.



A Conjet Powerpack 540-750 kW on a trailer together with a customized service container

Nalta and handlance pump

The Jetframe 101 Nalta is supplied with high pressure water from a smaller pump, also used for handlances. It is a Hammelmann Series 12 / 17 / 25 diesel driven high pressure pump, designed to be reliable and user-friendly.

The pump and diesel engine are neatly fitted into a covered sound insulated trailer. When performing maintenance, the sides of the small container can be lifted to provide easy access to the pump and engine.

Automatic system control

Important system conditions such as water and oil pressures, water temperature and diesel engine condition are monitored. If a fault occurs, the unit is shut down immediately with a cause indication.

The engine speed will automatically adjust to achieve the required pressure. When the pump is bypassed, the engine drops to idle, reducing wear and saving fuel.



The smaller high-pressure pump supplying the Jetframe 101 Nalta with water for the hydrodemolition process



Wireless robot communication

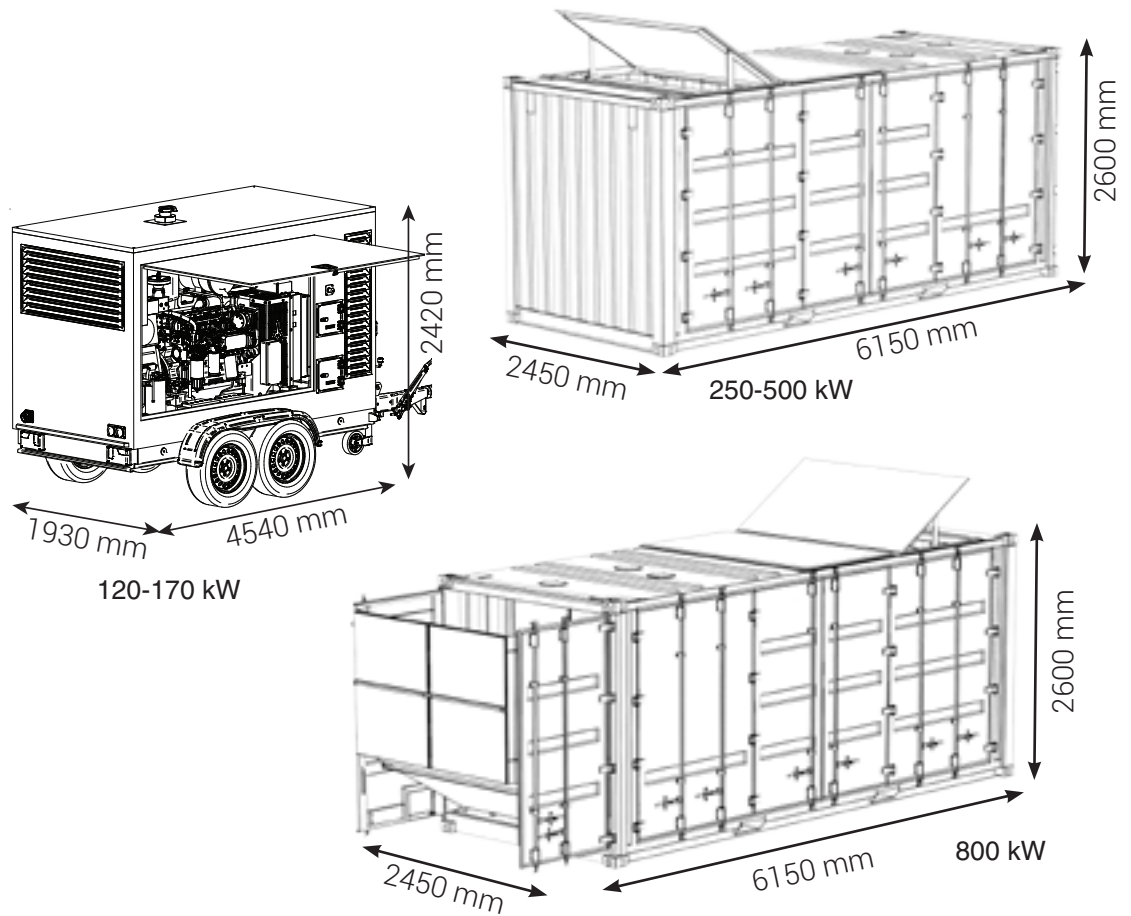
With Conjet technology, it is always possible to choose our patented wireless control of the powerpack for improved worksite safety and easier operation.



Wireless communication between robot and powerpack

POWERPACK DATA SHEET

Dimensions



Pump specifications *

Model**	Power		Flow		Pressure		Reaction Force	Suitable Conjet Unit
	kW	(hp)	l/min	(gal/min)	bar	(psi)	(N)	
320-120kW	120	(160)	24	(6)	2 600	(37 800)	290	Jetframe 101
325-120kW	120	(160)	40	(11)	1 650	(24 000)	380	
320-170kW	170	(230)	34	(9)	2 600	(37 800)	400	Jetframe 101 / Robot 327
325-170kW	170	(230)	57	(15)	1 650	(24 000)	540	
520-250kW	250	(330)	57	(15)	2 400	(34 900)	650	Jetframe 101 / 117 / Robot 327
525-250kW	250	(330)	96	(25)	1 450	(21 100)	850	
530-250kW	250	(330)	139	(37)	1 000	(14 500)	1030	
340-380kW	380	(510)	128	(34)	1 560	(22 700)	1180	Jetframe 117 / Robot 327 / 367 / 557
345-380kW	380	(510)	168	(44)	1 230	(17 900)	1370	
350-380kW	380	(510)	204	(54)	1 000	(14 500)	1510	
340-500kW	500	(670)	166	(44)	1 630	(23 700)	1560	Jetframe 117 / Robot 367 / 437 / 557
345-500kW	500	(670)	212	(56)	1 290	(18 700)	1780	
350-500kW	500	(670)	262	(69)	1 040	(15 100)	1970	
540-800kW	800	(1070)	277	(73)	1 570	(22 800)	2560	Robot 367 / 437 / 557
545-800kW	800	(1070)	353	(93)	1 240	(18 000)	2900	
550-800kW	800	(1070)	437	(116)	1 000	(14 500)	3220	

* Other specifications are available on request.

** Conjet Powerpacks are also available as plain skid units.

Sound level 70-77 dB (super silenced: 65 dB)

CE, LVD, EMC certified

Pictures are illustrative only and do not necessarily show the configuration of the products on the market at the given point in time. These products must be used in conformity with safe practice and applicable statutes, regulations, codes and ordinances. Subject to change without prior notice.

© Copyright Conjet AB, Sweden 2013 – All unauthorized copying or sampling strictly prohibited

Applied
Waterjet
Technology

Conjet

CONJET AB
P.O. Box 507
SE-136 25 HANINGE
SWEDEN

PHONE:
+46 (0)8 55 65 22 40

FAX:
+46 (0)8 55 65 22 60

E-MAIL:
conjet@conjet.com

WEBSITE:
www.conjet.com