

Powerpacks

The Powerpack is the second part required in the hydrodemolition system. It consists of a high pressure pump and engine fitted inside a sound insulated 20 ft ISO container, and supplies the high pressure water for hydrodemolition.

TECHNICAL DATA

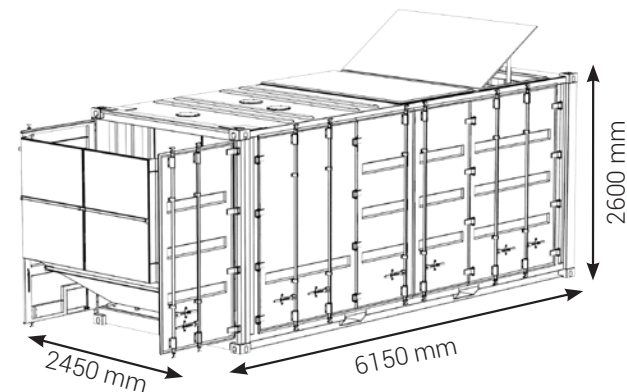
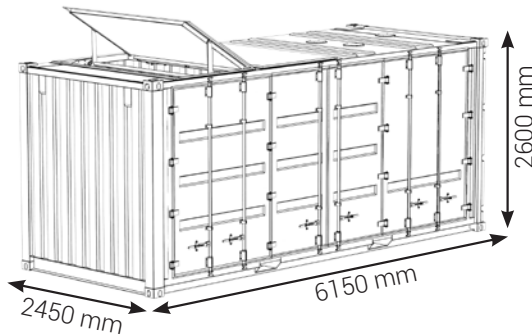
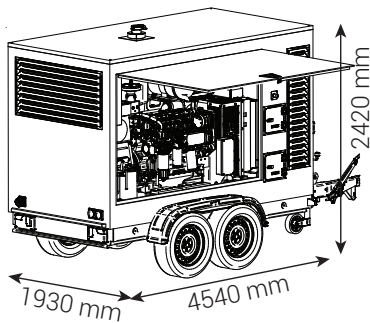
Pump specifications *

Type Model **	Power kW (HP)	Flow l/min (USgal/min)	Pressure bar (P.S.I.)	Reaction Force (N)	Suitable Conjet Unit
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
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 327 / 367 / 437
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
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 70-77dB
CE, LVD, EMC certified.



Sound Insulated Powerpack 250/380/500/800kW

Length	6 150 mm (20 ft)
Width	2 450 mm (8 ft)
Height	2 600 mm (8 ft 6 in)

Super Silenced Powerpack 500kW (65dB) available

Pictures in this folder 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 to conform with safe practice and applicable statutes, regulations, codes and ordinances.

Subject to alteration without prior notice.



Hydrodemolition equipment

Products



7-Series TAKE CONTROL

APPLIED WATERJET TECHNOLOGY



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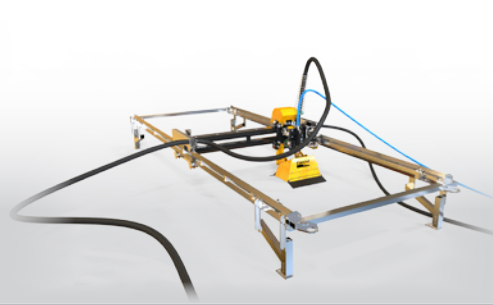
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Product overview

7-Series



FEATURES

ROBOT 327

- Small and compact
- Fits in confined space
- Good reach
- Large range of tools makes it highly customizable

ROBOT 367

- Unsurpassed reach
- Great stability
- Quick setup at new worksites
- Flexible Multi Purpose Arm

ROBOT 437

- Efficient on large horizontal surfaces
- Powerful
- Handles large reaction forces

JETFRAME 117

- Highly flexible
- Can be mounted on a boom truck arm for easy placement
- Compact
- Controlled by CCU or any 7-Series robot

CCU 217

- Standard 7-series control box
- Cord reel for hydraulic hoses

JETFRAME 101 NALTA*

- Smallest hydrodemolition robot on the market
- Climbs on standard scaffolding pipes
- Powered by hand lance pump

APPLICATIONS

- Parking decks
- Narrow tunnels
- Pipes
- Bridges

- Docks and quays
- Tunnels
- Bridges and dams
- Horizontal and vertical demolition

- Horizontal demolition
- Bridge decks
- Parking decks
- Quay slabs
- High ways

- Areas out of reach for robots
- Large bridges
- Dams
- Power plants
- Pillars
- Under water

- Supplying Jetframe 117 with power

- Under water
- Replaces handlances
- Pillars and pipes
- Narrow slots

TECHNICAL DATA

Width - carrier	820mm (2ft 8.3in)
Width - feed beam	1650mm (5ft 5in)
Cutting width	1500mm (4ft 11in)
Length	2350mm (7ft 8.5in)
Height	1170mm (3ft 10in)
Operation weight	1040kg (2293lb)
Max reaction force	1500N
Power supply	3 phase 380 - 480V, 16A, 50 - 60Hz 3 phase 200V, 32A, 50 - 60Hz

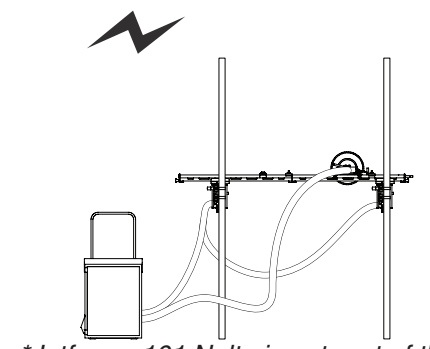
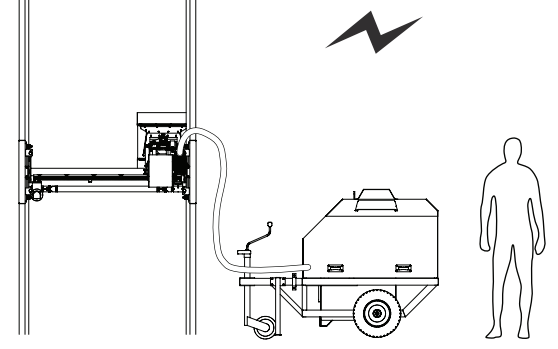
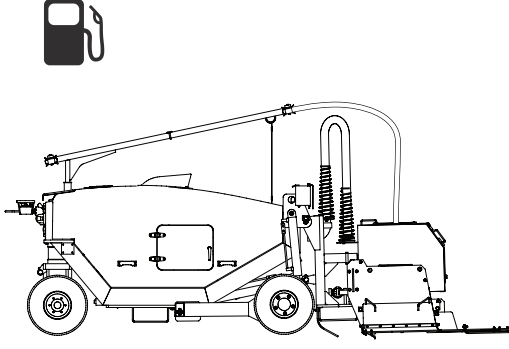
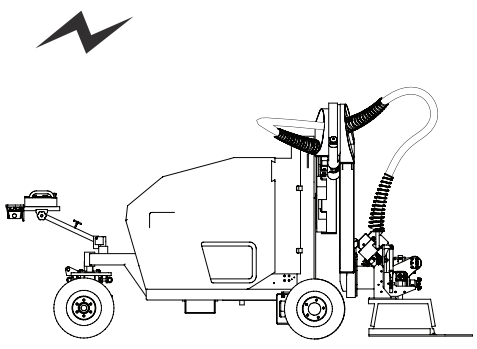
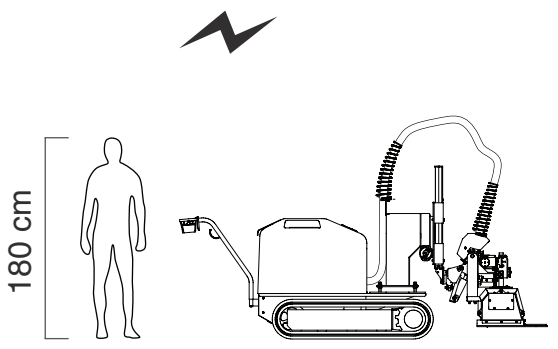
Width over wheels	1880 - 2580 mm (5 ft 10 in - 8 ft 2 in)
Cutting width	2100 mm (7 ft)
Cutting height under up	6000 mm (20 ft)
Cutting height vertical	6600 mm (22 ft)
Cutting below wheel level	3300 mm (10 ft 10 in)
Weight	2400 kg (5290 lb)
Maximum reaction force	2000 N
Power supply	3 phase 380 - 480V, 32A, 50 - 60Hz 3 phase 200V, 63A, 50 - 60Hz

Width - transportation	2220 mm (7 ft 3 in)
Width - operation	2 660 mm (8 ft 9 in)
Cutting width	2 200 mm (7 ft 2 in)
Weight	2 500 kg (5500 lb)
Maximum reaction force	4 000 N
Fuel consumption	2-7 l/h (0,53-1,85 US gal/h)

Length	4 000 mm (13 ft 2 in)
Width	2 000 mm (6 ft 7 in)
Cutting width	2 140 mm (7 ft)
Cutting length	3 500 mm (11 ft 6 inv)
Height	800 mm (4 ft 7 in)
Weight	650 kg (1430 lb)
Maximum reaction force	2000 N
Powered and controlled by	Conjet CCU 217 or 7-series Robot

Length	1750 mm(5 ft 9 in)
Width	770 mm (2 ft 6 in)
Height	1300 mm (4 ft 3 in)
Weight	300 kg (660 lb)
Power supply	3 phase 380 - 480V, 32A, 50 - 60Hz 3 phase 200V, 63A, 50 - 60Hz

Length per section	990 mm (3 ft 3 in)
Weight per section	8 kg (18 lb)
Weight lance unit	12 kg (26 lb)
Weight step unit	9 kg (20 lb)
Weight hydraulic unit	90 kg (198 lb)
Maximum reaction force	600 N
Power supply	230 V, 10 A
Maximum water pressure	3000 bar



*Jetframe 101 Nalta is not part of the 7-Series

THE WIDEST RANGE OF HYDRODEMOLITION EQUIPMENT