ERGO GO

# Ready, set, go!




AQUAJET

# Start your engines, get ready to go!

**What do you need to perform a hydrodemolition operation or industrial cleaning work? Most would probably say some kind of programmable robot or heavy handheld lances. Some would also think of all the people and trucks they'll need to operate and transport the equipment. There are also those who would think that meticulous safety precautions will make the work difficult, ineffective or even impossible. Well, they're all wrong. All you need is Ergo Go.**

Ergo Go is a starter kit of awesomeness and basically everything you need to get the show on the road, except for a high-pressure pump. Ergo Go is your loyal wingmate and your very own problem solver. The heart of the starter kit consists of an advanced control unit, the Ergo Controller, two spring loaded high friction rollers called Ergo Climber, and the Ergo Power Head with a 45 degree lance angle and adjustable oscillation. But that's just the half of it. There's way more to Ergo Go!

### EVERYTHING IN ITS RIGHT PLACE

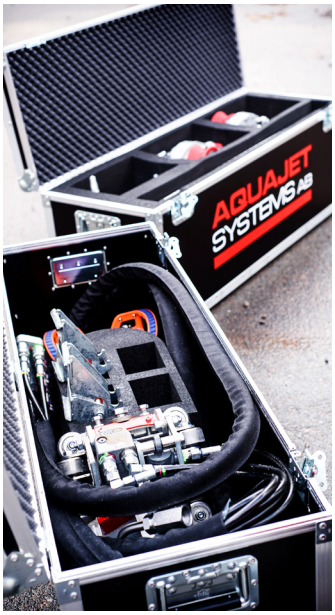
All system components come in two handy and portable boxes. The boxes are stackable and designed to fit side by side on standard pallet. You can stow the complete system into a van for transporting between sites. Every system component is lightweight, which enables the operator to handle, transport and assemble the system all by himself or herself. Smart, mobile and convenient? You bet!

## Get to know your ergo go

### REPLACE HAND LANCE WORK

The Ergo Go starter kit is designed for hydrodemolition operations in confined areas and to completely replace hand lance work on floors, walls or ceilings. It's perfect wherever a robot or other kinds of larger fixed hydrodemolition equipment won't fit. Above all, it's optimal wherever you need to clean or sanitize a construction site, a concrete floor, a ship's hull, and basically everything in between.

With Ergo Go you can be efficient 24/7 and handle 4-5 times more reaction force, compared to any hand lance method. Total freedom!






### ONE SIZE FITS ALL

Each component brings a specific functionality to the system. Furthermore, the system is designed to make things easier and safer for the operator. All components are easy to connect with Aquajet's unique one-size, single-bolt solution. One tool is all you need.

### STARTER KIT CONTENT

All components included in the Ergo Go starter kit have their own dedicated places inside the boxes. Ergo Go consists of 1 Ergo Controller, 1 Ergo Power Head, 2 Ergo Climbers, 2 roller beam sections (1m), 2 standard roller beam brackets, 2 low roller beam brackets, 1 radio remote, hydraulic hoses, tools and accessories.

### CLIMB TO THE TOP

The Ergo Climbers are lifted into place with the tension handle loosened. The Ergo Climbers are designed to work on standard 48,3 mm (1,5") scaffolding pipes. The tension handle is pushed down and is secured automatically with the safety latch.



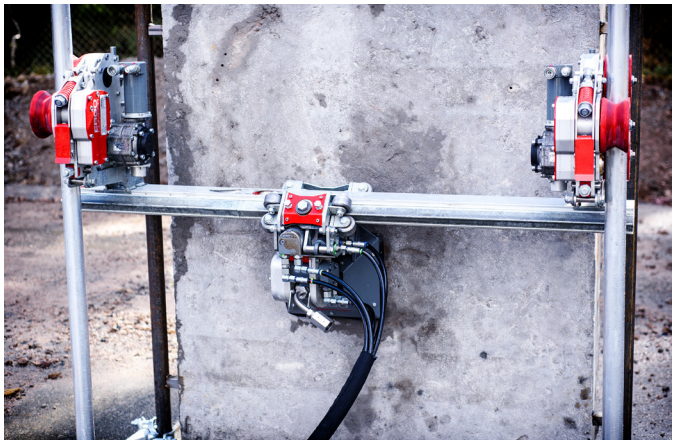

### FLEXIBLE NOT SENSITIVE

Thanks to the spring-loaded design and the all-wheel drive system, the Ergo Climbers are not sensitive to variations in pipe diameter. Dirt or concrete layers







on the pipe is not a problem at all.

**GRAB, CLAMP AND SNAP**
When both climbers have been clamped to the pipes, the roller beam is snapped in place. The roller beam is secured with a single bolt on each side. All connection bolts have the same size. All you need is one single tool.

**CONNECT THE POWER HEAD**
The Power Head is snapped on to the roller beam and secured with one single bolt.

**PRESS PLAY AND GO**
The hydraulic hoses are connected to the Ergo Controller with a multi connector. This is also secured with one single bolt. After the high pressure hose has been connected, the operation can be started. The settings can be controlled either from the display on the Ergo Controller or from the display on the radio remote control.



# Ergo GO

FACTS

**ERGO CONTROLLER**

| | |
|---|---|
| **Lenght:** | 530 mm |
| **Width:** | 430 mm (620 mm over wheels) |
| **Height:** | 1110 mm |
| **Wheels:** | 320x100 mm, puncture free and oil resistant |
| **Dry weight:** | 98 kg |
| **Weight with oil:** | 123 kg |
| **Max hydraulic pressure:** | 200 bar |
| **Max flow:** | 21,4 l/min @ 50 Hz |
| **Oil volume:** | 25 l |
| **Motor power:** | 4,2 kW |
| **Voltage (Standard):** | 3x400 VAC @ 50 Hz |
| **Voltage (Standard):** | 3x480 VAC @ 60 Hz |
| **Voltage (Optional):** | 3x230 VAC @ 50 Hz |
| **Control system:** | Intelli or Evolution |

**ERGO CLIMBER**

| | |
|---|---|
| **Working width:** | 0,25-2,0 m |
| **Max length between supports:** | 2,0 m |
| **Min clearance height:** | 320-500 mm (depending on bracket type) |
| **Roller beam lengths:** | 0,25 m / 0,5 m / 1,0 m |
| **Climber:** | 22 kg |
| **Power Head:** | 21 kg |
| **Roller beam:** | 9,5 kg/m |
| **Complete climber (1x1m):** | approx. 85 kg |

**OPERATION**

| | |
|---|---|
| **Max reachtion force:** | 1000 N |
| **Lance angle:** | ±45° |
| **Oscillation steps:** | 8° / 22mm and 14° / 42mm |
| **Parallel drive:** | ±2% |

**TRANSPORT**

| | |
|---|---|
| **Transport boxes:** | 1100x355x400 mm |
| **Controller:** | 530x620x1110 mm |




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