

ALLU 

PROCESSOR.™



ALLU PROCESSOR **PRODUCT CATALOGUE.**

allu.net

**IT REACHES.
IT MIXES.
IT PROCESSES
DRY OR WET.**



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ABOUT OUR COMPANY.

For over 30 years we have strived to provide our customers with more. In this quest, not only do we support existing markets, but also develop new ones. Innovation is key.

No matter if it's mining, construction or landscaping, everything comes down to finding a bespoke solution - the right solution. One which saves both money and machinery.

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INTRODUCING THE ALLU PROCESSOR.

The ALLU Processor is a power mixer attachment for a conventional excavator. This attachment converts the excavator into a powerful and versatile mixing tool capable of penetrating and effectively mixing a variety of difficult materials - everything from clay, silt, peat, sludge and sediment, to dredged material and contaminated soil.



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300HD



Working to a depth of 3 meters and with a weight of 2,210 kg, the Processor 300 HD is designed to be durable. It's made from wear-resistant steel, with a stem that's engineered to be strong, streamlined and lightweight.

Powered by the excavator's hydraulic system, and benefitting from its ability to reach difficult or soft areas, the Processor 300 HD can mix materials

everywhere the excavator goes. Dry and wet binders or chemical agents are fed to the area of the highest mixing shear by an attached 80-mm diameter pipe, injected via nozzle located between the mixing drums.

The attachment is equipped with automatic torque adjustment valves between the two hydraulic

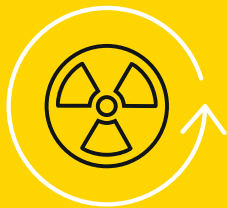
motors, drum rpm and temperature sensors as well as sensors for oil leakage detection inside the frame construction. The excavator operator controls the rotational direction of the drums to adjust for most effective mixing.

2m and 3m extension tubes are also available as options for added working depth.

MAIN APPLICATION AREAS.



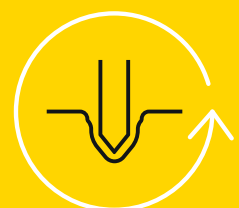
**CIVIL
ENGINEERING**



**CONTAMINATED
SITES REMEDIATION**



**COASTAL
FACILITIES**



SOLIDIFICATION

SPECIFICATIONS.

ALLU PROCESSOR 300 HD	
Working depth:	10 ft / 3 m
Hydraulics:	4,400 - 5,100 psi / 300 - 350 bar 50-80 Gpm / 200 - 300 Lpm Max continuous power 120 kW
Torque:	Max torque / drum: 1,200 Nm at 5,100 psi / 350 bar
Weight:	4,872Lbs / 2,210 Kg
Base machine:	55,000-88,000 Lbs / 25 - 45 Tn
Option:	7 ft / 2 m extension tube 1,700 Lbs / 770 Kg 10 ft / 3 m extension tube 2,100 Lbs / 950 Kg



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500HD



Like the 300 HD, the Processor 500 HD is both durable and strong. This differs from its sister product by being even bigger - working to a depth of 5 meters and with a weight of 2,580kg.

Despite its strength, the wear-resistant steel stem is both nimble and streamlined. Powered by the excavator's hydraulic system, and benefiting from its ability to reach difficult or soft areas, the Processor

500 HD can mix materials everywhere the excavator goes.

Dry and wet binders or chemical agents are delivered to the area of the highest mixing shear by an attached 80-mm diameter pipe, injected via nozzle located between the mixing drums.

The attachment is equipped with automatic torque adjustment

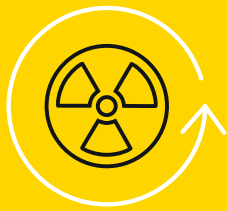
valves between the two hydraulic motors, drum rpm and temperature sensors as well as sensors for oil leakage detection inside the frame construction. The excavator operator controls the rotational direction of the drums to adjust for most effective mixing.

2m and 3m extension tubes are also available as options for added working depth.

MAIN APPLICATION AREAS.



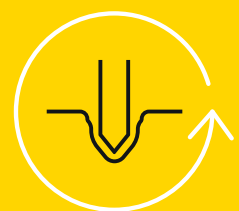
**CIVIL
ENGINEERING**



**CONTAMINATED
SITES REMEDIATION**



**COASTAL
FACILITIES**



SOLIDIFICATION

SPECIFICATIONS.

ALLU PROCESSOR 500 HD	
Working depth:	16 ft / 5 m
Hydraulics:	4,400 - 5,100 psi / 300 - 350 bar 50-80 Gpm / 200 - 300 Lpm Max continuous power 120 kW
Torque:	Max torque / drum: 1,200 Nm at 5,100 psi / 350 bar
Weight:	5,700 Lbs / 2,580 Kg
Base machine:	55,000-88,000 Lbs / 25 - 45 Tn
Option:	7 ft / 2 m extension tube 1,700 Lbs / 770 Kg 10 ft / 3 m extension tube 2,100 Lbs / 950 Kg

APPLICATIONS.

RESIDENTIAL & INDUSTRIAL



**MUNICIPAL
UTILITY WORK**



TEMPORARY ROADS



**RAILROAD
EMBANKMENT**



**FOUNDATION
WORK**

REMEDIATION



CONTAMINATED SOIL



**CONTAMINATED
SLUDGE**



OIL PONDS



ACID TAR

SOLIDIFICATION



**CONTAMINATED
LAGOON**



OIL SPILL



EXCAVATION WORKS



PIPE LINE WORKS

**IT REACHES.
IT MIXES.
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DRY OR WET.**



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