

ALLU perfect tools for padding

With ALLU you can screen backfill material directly into the pipeline trench



ALLU

ALLU perfect tool for pipeline backfilling

ALLU Screener Crusher is a versatile processing attachment for a wheel loader, excavator or skid steer. It can do several functions in one operation. It can screen, crush, pulverize, aerate, blend, mix, separate, carry, feed and load simultaneously.

On pipeline construction sites ALLU can replace big and expensive screening stations and padding machines. ALLU works well on wet and sticky material and the bucket is easy to transport to rough terrains.

Replaces big screening and padding machines!



Reuse the excavated soil in back filling

- Lower material and transport costs
-> No dumping costs
- Lower labour costs; less personnel needed
- Also wet and sticky material can be processed
- Lower investment costs, replaces special machinery
- Better control of project
- Independent of other suppliers no waiting time for off site material
- Achieve excellent mixing result and high capacity

SAVE TIME • MONEY

ENVIRONMENT



ALLU Screener crushers are available in various sizes to adapt to any job.

Be one step ahead of competitors

Repairing old gas lines in Argentina

Huge pipeline companies all over the world have taken ALLU products as a firm part of their operations. ALLU buckets have been delivered e.g. to USA, China, France, Georgia, Germany, Finland and Argentina where they are going on huge pipeline projects. The Southernmost ALLU screener crusher can be found on the gas lines in Patagonia, Argentina where 30 years old gas lines were repaired.

Huge savings on Gas pipeline in Ireland

Known as the "Gas Pipeline to the West", a 520 km Ø (X65) pipeline has recently been constructed running from Scotland to Ireland. Normally the majority of the dug up soil is transported away from the site because it may damage the pipe or pipe coating when being back-filled into the trench and is therefore deemed unsuitable. In its place material such as sand is brought in to assist with the back-fill operation.

With the ALLU Bucket the hydraulically powered crusher and screener is attached as a replacement for the standard digging bucket on a trench excavator and works in conjunction with a second excavator freeing up the compacted ground, the ALLU then feeds and screens the material directly over the trenched

pipeline. It is estimated that by using the ALLU Bucket the pipeline contractors were able to save up to 50 % in transport and new material costs as well as cutting down on waste material volume.

Germany way saves money, time and environment

Germany is a market area, where whole ALLU systems for pipelines are used. Firstly, the excavated soil from the trench is screened back to the pipeline trench with the ALLU Screener Crusher and the lime (1-2 %) is simultaneously mixed into the soil. After this the screener crusher is replaced with an ALLU compacting plate within 10 seconds, thanks to the OilQuick System. With the ALLU compacting plate, it is possible to compact material to a depth of 1 metre.

Using this system, a single operator and excavator can manage the soil preparation and re-filling needs of one or two pipeline construction teams (100's m³ per day).



Other ALLU equipment for pipeline jobs



ALLU VP Compacting Plate offers you a hydraulically operated earth compactor with high capacity and even more than 75 cm (2.5 ft) compacting depth. It can be installed to any hydraulic operated excavator.



ALLU e.p.m Powder Spreader is a soil container to spray the binding agent onto the soil in stabilisation projects e.g. by backfilling pipeline trenches or in road construction. It can be easily fitted to an excavator or wheel loader.



ALLU OilQuick is a quick coupler for excavators, wheel loaders and forklift trucks. With it you can change between hydraulic attachments in fewer than 10 seconds.



ALLU Screener Crusher -
mixing/screening of soil and
binding agent



ALLU AS Windrow turner -
mixing soil and binding agent in
large volumes



ALLU Stabilisation System -
to strengthen and solidify different
kind of soft materials



e.p.m - Powder Spreader -
spraying of binding agent

ALLU products for soil improvement



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