

decanter · screenbowl mobile separation plants

B M S 



B M S 

consulting · planing · service

emergency and temporary operation	decanter and separators
maximum sludge dewatering	screen bowl centrifuges
water recycling	full scale separation packages
Counter current washing	heating and homogenization
classification	flocculent dosing systems
	high solid output performance

Service from Germany

BMS  2



BMS plants include all equipments for an independent plant operation

BMS Separation is a competent partner for sludge dewatering since many years.

We advise, plan and offer complete services in mobile and stationary plants for separation technology. This includes services like separation by centrifuges (decanter and separators) as well as emptying liquid supply devices like tanks or ponds. Additionally we provide the

required energy supply and conveyor technique for solving your separation tasks.

The strengths of BMS Separation are individual full-service solutions in the municipal and industrial sector for long-term or short-term project-oriented duration.

BMS Separations suggests optimal solutions to provide you with the adequate stationary or mobile sludge dewatering unit in trailers and containers. Compact units can be used for tests, bridging operations or in emergency situations.



Efficient solutions with decanter technology

3 BMS 

Installation of “high solid load” fines slurry sludge separation with conveyor technique



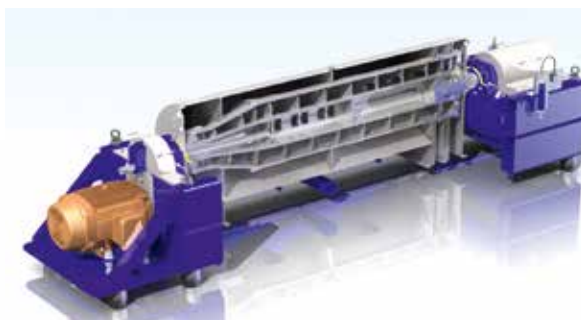
We deliver Decanter and screen bowl centrifuges as compact built mobile BMS plant, prepared for your separation duty as well as decanter in a 3 phase system for solid-

liquid-liquid suspensions, for oil sludge in atmospheric “open” or gas-tight closed design in established standards: DIN, ATEX, “EX”, NEMA, UL etc.

BMS 

Consulting - Planning - Service

View into a decanter skid unit for oil field DP 45-422 showing piping, measurement and fittings



BMS 

Efficient solutions with decanter technology

BMS 4

Example installation, 3 pc. on decanter frame for tunnel project in Malaysia



BMS delivers compact centrifuge technology with decanter and separators in (semi-) mobile and stationary modules.

Mobile plants can be offered assembled as an open rack or a completely built in container. They are piped and wired electrically.

Completely built decanter plants for fast and easy assembly is the concept for our mobile plants with less interfaces (suspension inlet, water supply, electrical power supply) from us.

You may require the continuous steps of full-scale separation and treatment systems. We have all steps available on a modular basis, such as, pumping systems, conveying systems, machine adjustments and chemical coagulant preparation and dosing unit including 3-water, buffer and all equipments fully assembled and ready for work.

New order for the Malaysian client for tunnel works as well



BMS

Best components for individual tasks

*Mobile BMS crude oil separation plant with homogenization and heating
for treatment of oil from crude oil and API slurry*



As your specialist for the separation technique we help you to design and solve your separation tasks – stationary or mobile and worldwide. We can provide you with our own mobile decanter plants anywhere in the world.

When requested, we service our plants and machinery with our own staff at your site to optimize working cycles or to set the equipment into operation. Even in a test or a bridging operation e.g. to dewater your site.

Our plants and machinery always comply with the latest technical standards when they are delivered from our location Wipperfürth, (business park Klingsiepen) Germany to your site, anywhere in the world – fast, competent and reliable.

Modularly, we solve additional adjacent tasks e.g. draining old reservoirs and tanks or storages pumping, homogenization and heating of e.g. oil sludge.

We plan complete system solutions and offer all necessary equipment for rent or purchase.

Can we support you with these additional steps too?

Centrifugal Separating in Mining

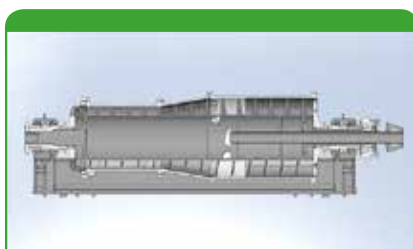


Centrifugal Separation today is used for

- [] Environmental purpose to Dewater the Mud
- [] Enable Energy Resources out of the Crudes and Wastes
- [] Get rid of the Waste and to Re-Generate Benefit with the valuable Materials
- [] Improve Separation Technology to Continuous and Automatic Standards

Different Aims to Use Centrifugal Separation

- [] Dewatering of Solids Fines
- [] Washing of solids to eliminate impurities
- [] Improve the Solids Recovery
- [] Classify to earn with the Ore particles



Service worldwide

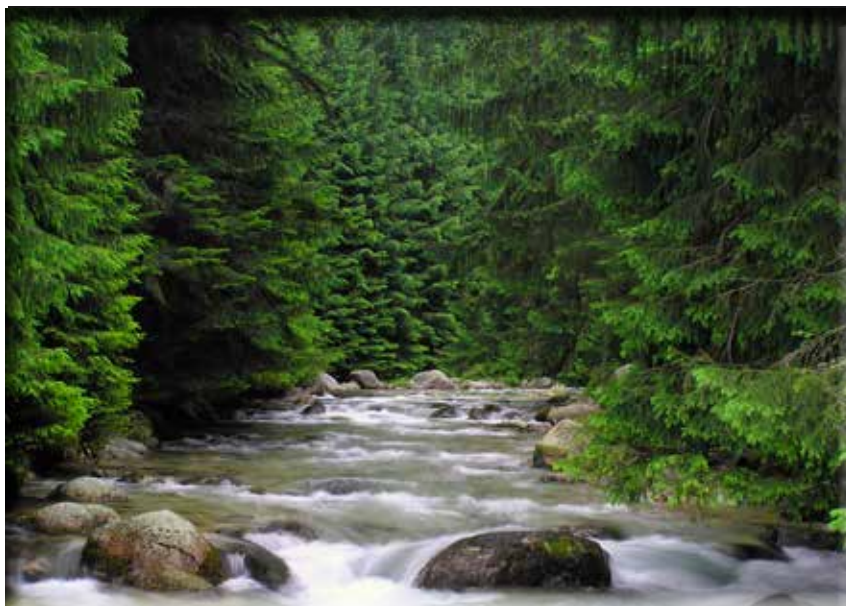


BMS machinery and technical scopes of our mobile plants worldwide

- [] General sludge dewatering and thixotropy
- [] Bentonite recovery
- [] Drilling sludge
- [] Waste water sludge
- [] Mineral oil
- [] Oil sludge
- [] Testing plants for new technology test running
- [] Pharmacentric testing plants for new technology test running
- [] Separation technique for:
 - [] recycling of contaminated earth and land reclamation
 - [] cleaning of mechanical treatment of sludge in tunnel construction
 - [] separation and recycling of oil, lubricants and sewage
 - [] physical recycling of mineral nutrients
 - [] energy recycling plant on compact mobile construction – block-unit heating power
 - [] plants for separation of materials and substances



For a clean enviroment mobile sludge dewatering



Renting · Leasing · Purchase for testing
Purchase with buy-back option

Are your looking for financing, BOD or contract models?

Please contact us for issuing you customized, individual solutions.

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Mud Separation