

JAGTEGH

Preferred Technology Partner

AutoMAPS Introduction

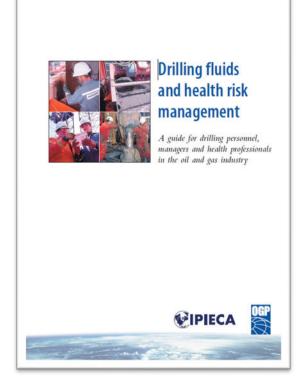
Askeladden



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Ditch Magnet Challenges Today

- Manual work
- Time consuming
- Heavy lifting
- HSE hazards
 - ✓ Exposed to fumes from the mud
 - ✓ Exposed to chemicals
 - ✓ Noize
 - ✓ Skin cut on sharp swarf
 - ✓ Accessibility
 - ✓ Magnetic field
 - ✓ Pinches and crushing





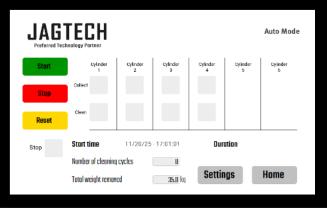


AutoMAPS Solution

PATENTED

- Fully automatic dich magnet system
- Pre-Engineered, Custom Built to flowline, Inline or application specific
- Pneumatic operated
- Integrated to rig process system
- WiFi remote operated intuitive local screen setup
- Automatic logging of removed weight (option)
- Flexible installation





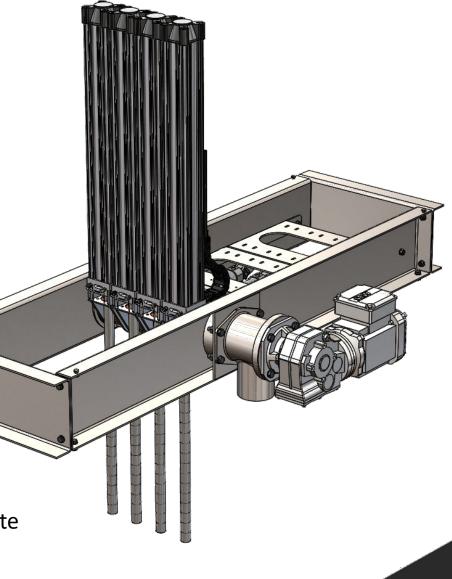




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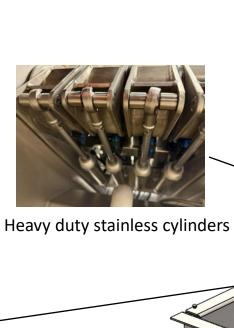
Jagtech® AutoMAPS

- Fully automatic system
- ATEX Zone 1, category IIB, Temperature class T3
- IP 65
- No need for personnel during operation
- Easy installation. Built to flowline width up to typically 7 magnets.
- Retrofit to existing launder system.
- Adaptive and scalable for various installations.
- Pneumatic operated.
- Adjustable cycle time.
- Adjustable and pre-set cleaning cycle time for various operations
- Self adjusting cleaning cycle time based on weight of removed waste
- Adaptive to rig control system via Wifi or bus communication
- Fully retractable from flowline
- Titanium high effective magnetic rods (peek strength of 1.2 T)





Features





Compact pneumatics w/integrated PLC



Electric or air operated screw



Simple and intuitive user interface



Automatic weighing of waste



Dual scraper assembly



Highly efficient titanium magnet rods



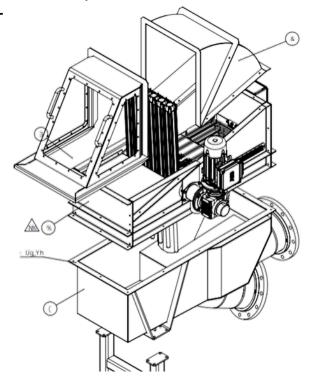
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Value

Better operation / process control Less oil and gas fumes Environment Less spill on deck Less exposure of personnel in hazardous Recycling of metal environments Less carbon footprint due to reduced time-Remote operated consuming failures No repetitive manual work Less agglomeration onto tool and instruments QHSE Reduced protentional for downhole tool failures Easy installation Efficiency More accurate MWD results Durability Automatic reporting of extracted weight 12000 Gauss peak magnetic density Reduced wear and tear on equipment Automatic cleaning cycle adjustments Improved signal to noise ratio in MWD Low power consumption Low delivery time on spare parts JAGTECH Titanium tubed magnet rods

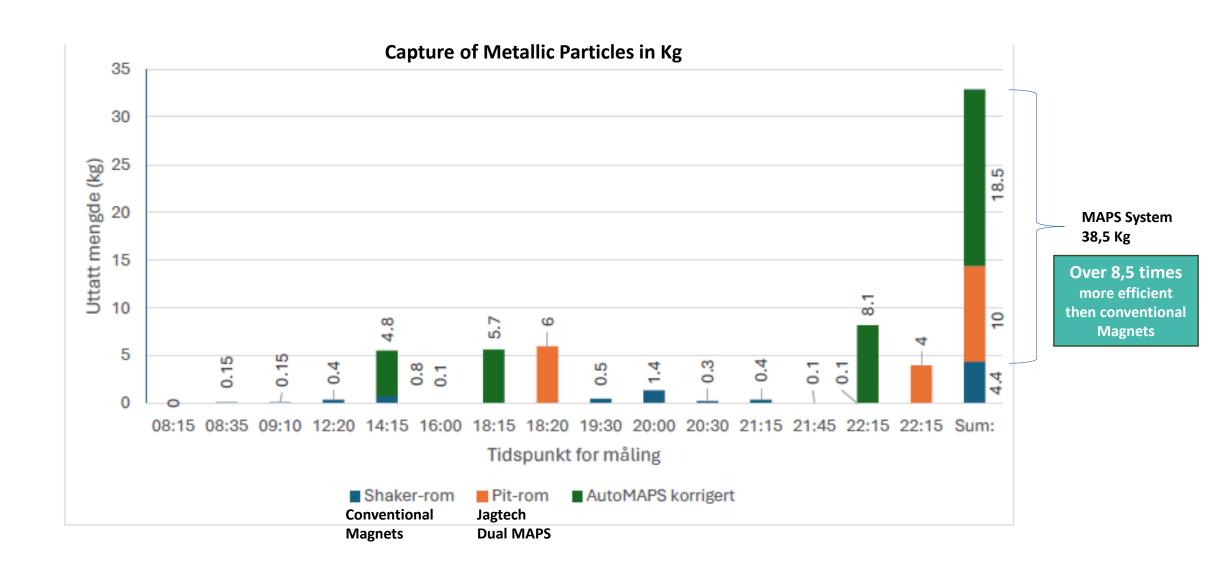
Jagtech AutoMAPS @ STB

- Pilot Project. Equinor, Archer and Jagtech
- Installed since 2024
- To be adapted as permanent installation
- Installed in flowline between shaker and pit room
- Technology approved by Equinor
- High effiency
- Low NPT
- Process bypass opportunity
- Easy maintenance
- Adapted by Statfjord B in 2025
- Project has been a real success!

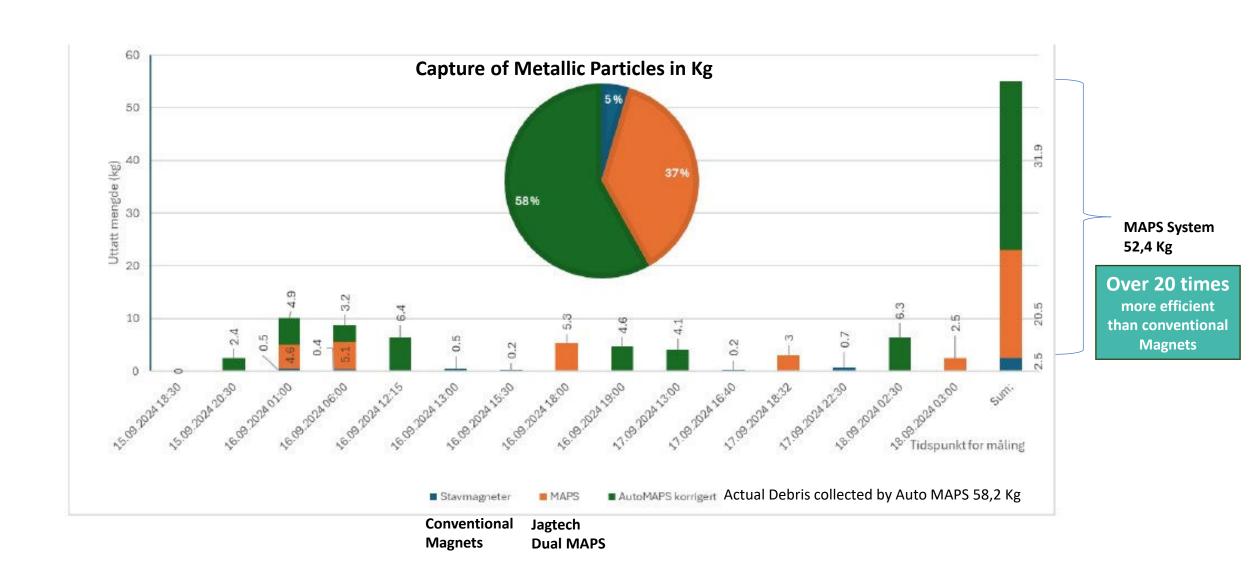




Case Study AutoMAPS – Field Test Statfjord B



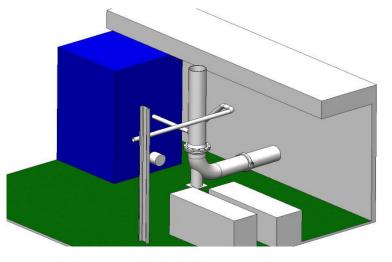
Case AutoMAPS – Field Test Statfjord B

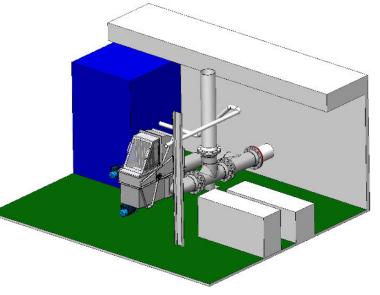


Field study - Jagtech AutoMAPS @ GFC Inline Example

- Installation in pipeline behind shakers
- Minor reconstruction of existing pipe system for implementation
- Low energy consumption
- WiFi communication with operator is requested
- Implemented weighing of the extracted material is requested
- Process by-pass opportunity
- Air driven extraction screw









Next Step?

- Survey to determine installation site
- Preliminary system engineering
- Survey report with assembly proposal
- Definition of scope of work
- Offer / Propsal

