AUSMINEENGINEERING

Safety, Reliability & Productivity.

Pneumatic Brain

Patented Inteligent control
box only needs one
compressed air line input
to allow all the valves
to "Talk" to each other.
There are also multiple levels of
redundancy built in to prevent
gas escaping into the working
enviroment.

Matenance Mode

Abillity to isolate the system and manually operate the midde and drain valve to check functionality.

Data Recording

Device records volume of water drained.

Vaccum Break Line

Thoughtfully designed vaccum break line allows for free flow draining without the risk of oxygen entering the methane enviroment.

Water Flush Inlet

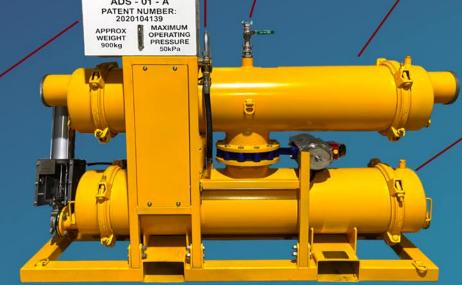
Allows for flushing of the middle isolation Butterfly Valve and manual filling and cycle of the drain tank.

Materials

ADS tanks and skid are constructed of heavy gauge steel then hot dip galvanised and painted yellow. All other components are stainless steel or brass and NO electric or aluminium components are used on the device.

End Caps

Hinged End Caps with quick release couplings for easy one man opening and cleaning of the tanks.



Cost Saving

A case study was conducted at a Hunter Valley Mine and it was shown there was a potential \$7,800,000 labour cost saving over 5 years by using the ADS system.

Documentation

AUSMINE

AUTOMATIC DEWATERING

SYSTEM ADS - 01 - A

Design Risk Assessment
FMECA
Category Assessment
RPEQ certification
MDG 41 Audit
Pressure Tested to 1500kpa

Transport

Oversized fork pockets and 7 lifting/tie down lugs installed.

For more detailed information please email sales@ausmineeng.com.au