



# AIR START UNIT

## ASU 180 PPM / 300 PPM / 400 PPM

### SPECIAL FEATURES

- Oil free dry screw compressor
- Flexible coupling connects the engine to the compressor
- Integrated housing bolts directly to engine flywheel eliminating alignment issues
- Automatic load demand control system which controls the engine speed and reducing noise and increasing fuel efficiency
- Dual mode operation. Jet Start and Air pacs modes have independently programmable supply pressure
- Digital Control System with Touch Screen based operating Control Module
- 2 doors allow to all components for ease of routine maintenance
- Fault Log and Data logging facility
- Remote Monitoring System(Optional)



AGRIQUIP design and manufacture self-propelled or trailer mounted Continuous Flow Air Start Units from 100 PPM to 400 PPM and it comes with a touch screen based control system which takes care of control, monitoring and protections. Basic components include an oil free dry screw compressor, diesel engine, and Agriquip proprietary pressure regulating system which regulates the output air pressure and flow automatically for different aircrafts. Standard features include twin mode operation, automatic load demand control and easy access canopy.

## DESIGN SPECIFICATIONS

MODEL	ASU180	ASU300	ASU400
ENGINE	Cummins / Deutz / Detroit diesel Engines with latest emission		
COMPRESSOR	GHH-RAND Oil Free Screw Compressor		
MODE OF OPERATION	Two Modes Of Operation		
DISCHARGE PRESSURE	40 PSig @ Jet Start mode 30 PSig @ Air Pacs mode		
AIR FLOW (PPM)	180	300	400
DISTRIBUTION	1 Hose	2 Hoses	3 Hoses
MOUNTING TYPE	Towable Trailer		
DIMENSION L X W X H(mm)	3700 x 1650 x 2100	4600 x 2000 x 2450	6240 x 2700 x 3150
WEIGHT (Kg) approx	4400	5700	11300

\*Due to continual product improvements, the specifications and dimensions are subject to change without notice.

## MONITORING&PROTECTIONS

### ENGINE

**MONITORING :** Oil Pressure  
Coolant temperature  
Speed  
Run hours  
Battery voltage  
Fuel consumption  
Fuel level

### COMPRESSOR

**MONITORING :** Oil Pressure  
Oil temperature  
Discharge air pressure  
Discharge air temperature

### ENGINE

**PROTECTIONS:** Low lube oil pressure  
High Coolant temperature  
Over speed  
Under speed  
Low fuel

### COMPRESSOR

**PROTECTIONS:** Low lube oil pressure  
High lube oil temperature  
High discharge air temperature  
Pressure signal loss

**AGRIQUIP**

**AGRIQUIP MACHINERY SDN BHD**

(Reg No. 612132-A)

### Factory & Office Address :

Lot 5936, Jalan Salak Tinggi / Banting, RTB Bukit Changgang,  
42700 Banting, Selangor Darul Ehsan, MALAYSIA.