



DYNATECH

DYNATECH INDUSTRIES PVT LTD

Aeolus – SERIES

SCREW AIR BOOSTER

MODEL – AS4520

TECHNICAL SPECIFICATIONS



Product Introduction

Dynatech Industries **Air Booster - AS4520** is oil flooded Screw booster for Underground Mine Drilling application.
Designed to operate in Underground Mines. .
High air pressure and CFM for faster Drilling .

Features

- **Works with low Input pressure .**
- **Electric Operated .**
- **Trailer mounted For faster transportation.**
- **Unique compact Dimensions.**
- **High efficiency In compact package.**
- **Incorporates the stranded DYNATECH components for reliability and easy servicing.**

Booster Capacities

Max Working Pressure	: 300PSI	(20.68Bar)
FAD @Max working Pressure (72.5 PSI inlet)	: 450 Scfm	(12.74m ³ /min)
Booster Type	:Screw Single stage	:30bar max

Drive specification

Drive Type	: TEFC Electric Motor	
Drive Size	: 45KW	:60Hp
Operating Voltage	:415V/50HZ	

Electricals

Total input power	:55KW
Standard Voltage	:4150V
Frequency	:50HZ
Starter	:Delta-WYE starter
Safety	:circuit breaker, on/off reset buttons, :Phase loss/Phase reversal protection :Motor Over load Protection :Digital Earth leakage relay
Lighting	:Voltmeter / ammeter , indicator lamps :working 1x100w LED flood light

Cooling System

Type	: Air cooled	
Drive type	: TEFC Electric Motor	
Drive Size	: 3.7KW	(5Hp)

Filter System

Intake	: Coalescing/Particulate filter
Oil Filtration	: 5 Microns.

Safety and Shutdown features

High Air Discharge temperature
High receiver temperature
Low oil pressure
Low Suction pressure
Motor Over load protection
Blow Down Control
Safety Relief valve

Dimensions –Standard Configuration

Width	:74inch(1879mm)
Height	:82 inch (2082mm)
Length	:147 inch (3733mm)
Weight	:5520 lbs (2500Kgs)

Options

Fire extinguisher	: Dry Chemical fire extinguisher
Electrical Panel	: NEMA4 standard , stainless steel.
Electrical motor	: DGMS approved Explosion proof .
Electrical Cables	: DGMS approved .
Hydraulic fluid	: Fire resistance hydraulic fluid .

Specifications are subjected to modify or change ,Which are made time to time by DynatechIndustries Pvt Ltd and their suppliers according to their polices for upgrade their products.
All Dimensions and weights are approximate and are subjected to change without notice.



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