



Deep Pneumatics®

Transformation towards sustainable growth



Compressed Air Skid

40 CFM - 150 CFM

Dew Point: -20°C / -40°C



Compressed
Air Skid

DP CAS Series

All In One Compressed Air SKID

Deep Pneumatics, presents all-in-one compressed air solution that allows our customers to optimize compressed air system for fiber laser cutting application, special testing applications, non-critical areas to replace nitrogen gas to create inert environment, instrument & control air in which presence of moisture is not permissible at all.

This unique skid comprises of high efficiency screw air compressor package (Fixed Speed / Variable Speed Drive) for compressed air generation and supported with suitable capacity air receivers (Wet & Dry) along with Refrigerated Air Dryer to maintain +3°C Pressure Dew Point & Desiccant Type Heatless Air Dryer to achieve a desired pressure dew point (-20°C / -40°C) as per the customer need.

For better process control this skid is installed with online dew point monitoring device and control valve to ensure that only dry compressed air is allowed to enter the compressed air pipeline feeding the process air for the designated application.

Optionally to achieve high pressure of compressed air, we can offer air booster package to produce 25 Bar / 40 Bar and higher pressure on special request.

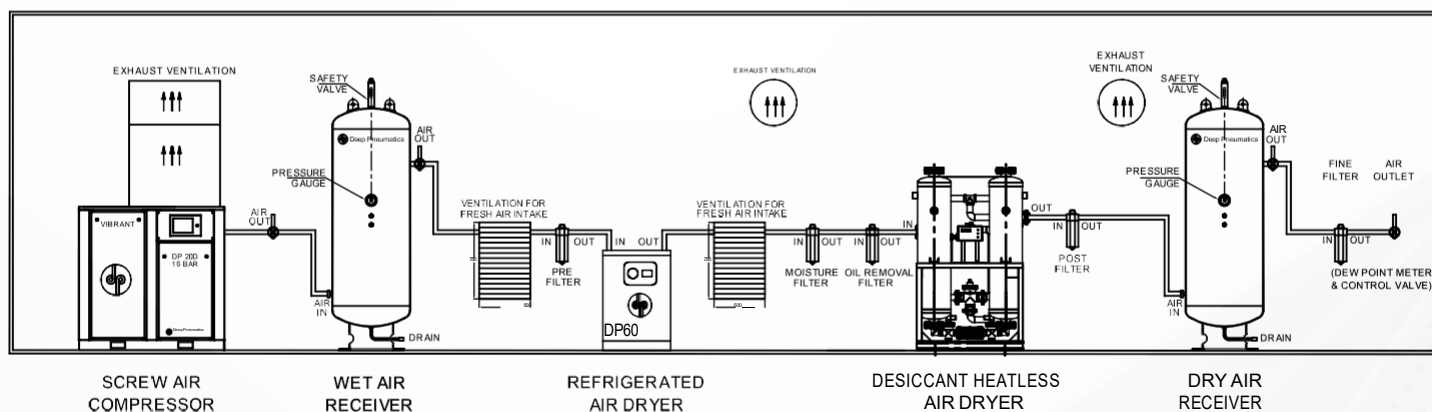


<i>Unique Features</i>	<i>Advantages</i>	<i>Customer Benefits</i>
Superior package design	Smaller footprint on skid	Easy handling
Correct product selection & sizing	Optimum performance	Reliable operations
All in one package with interconnecting piping	Elimination of leakages & pressure drop	Energy saving
Single source of supply	Minimum N ₂ supply exigency	Low maintenance cost
Online monitoring of moisture	Excellent process control	Peace of mind
Dew point, based outlet control	No moisture carryover to the application area	Zero risk of product failure
Plug & play design	Faster installation	Flexibility
Advanced controller	Automatic operations	Easy of monitoring
Flexible installation	Easy mobility at site	Lower cost of installation

Technical Parameters for DP CAS Series

DP CAS Series	Compressed Air Capacity	Working Pressure	Motor Power	Dry Air Receiver Capacity	Wet Air Receiver Capacity	Outlet Dew Point
	CFM	BAR	HP	L	L	°C
DP CAS 40	40	16	20	500	500	-20°C / -40°C
DP CAS 60	60	16	25	500	500	-20°C / -40°C
DP CAS 80	80	16	30	500	500	-20°C / -40°C
DP CAS 100	100	16	40	500	500	-20°C / -40°C
DP CAS 125	120	16	50	500	500	-20°C / -40°C
DP CAS 150	150	16	60	500	500	-20°C / -40°C

Compressed Air Skid Scope of Supply for Complete System:



Deep Pneumatics offers engineered solution for the high-pressure compressed air requirement for variety of capacity and working pressure of 35 bar to 300 bar on a skid, which is ready to start at the customer site with the whole set-up of air compressor, air dryers, air booster, storage system with control & monitoring devices for full process control.

Note:

Free Air Delivery (FAD) tested as per ISO 1217:2009

Due to continuous improvement, specifications are subject to change without prior notice

Product image is only for representation

Our Widespread Sales Network:

