

ABRASIVE RECYCLING

ABRASIVE COLLECTING AND RECYCLING CENTER PNEUM-1



Abrasive recycling center **PNEUM-1** is designed for collection and transportation of all kinds of abrasives.

It is especially convenient for collection of abrasive from closed and inaccessible places, for example when sandblasting the tankers, wagons and locomotives, in shipbuilding work area, etc. The abrasive is sucked with a flexible hose and transported to the cyclone, where the dust and debris is separated from the abrasive. Reusable abrasive is automatically transported into the collector or a container, worn abrasive, debris and dust is collected in the bin underneath the filter cartridge.

System works on compressed air and does not require electricity for its work.

- High vacuum and airflow
- Dust separation from abrasive media
- Efficient self-cleaning NCF filter





Technical data:

Vacuum	mmWC	6800
Air supply	Nm ³ /h	660
Air consumption	Nm ³ /min	8,6
Work pressure	bar	7
Noise	dBa	78
Vacuum hose length	m	min 10 - 40
Width	mm	1530
Depth	mm	1000
Height	mm	2870
Weight	kg	300

- An extremely powerful vacuum unit for the collection of blasting grit and other granulated material
- The combination of high vacuum and high airflow make material transport over long distance possible
- Compact design, built on a frame with the possibility of transportation by forklift
- Equipped with grit and dust separator
- The clean grit is collected in a silo and can be re-used
- The dust is trapped in a high efficient NCF filter and discharged into a dustbin.

Transport rates:

Air consumption	3,0 m3/min	4,3 m3/min
Air pressure	4,3 bar	7,5 bar
Vertical transport (5,7 m height)	10,3 kg/min	22,7 kg/min
Sloped transport (6,0 m height)	16,0 kg/min	26,0 kg/min

*These numbers are results of actual testing with copper slag, using 20 meters long vacuum hose



Before making your decision, you are welcome to contact our team of experts for free consulting and we can assure that with our more than 45 years of experience you will get the right technology and the best equipment to solve your problem.