

Cyclone

TG Cyclone is type of a dust collector; device used for cleaning gases from solid particles (dust). In a cyclone, the contaminated gas falls into and swirls in a cylindrical chamber, as a result of which the heavier components in the gas are thrown outwards by the centrifugal force. As a result of rubbing against the walls of the cyclone, they lose speed and fall under the influence of gravity and clean air flows up through the centrally placed channel.

Tailor made design

Heavy-Duty Construction

High efficiency

Air locks valve



TG-MACHINES

PROCESS ENGINEERING

TECHNICAL DATA:

Model	Diameter [mm]	Capacity [m3/hr]
C-0400	400	800-1500
C-0500	500	1300-2400
C-0600	600	1800-3700
C-0700	700	2500-4700
C-0800	800	3300-6000
C-0900	900	4000-7500
C-1000	1000	4500-8500
C-1100	1100	6400-12000
C-1200	1200	7600-14500
C-1300	1300	8500-16500
C-1400	1400	10000-20000

Application:

- ⇒ Separation of the meal dust from the air
- ⇒ Separating air-borne materials (e.g. shavings and sawdust in wood factories) from air
- ⇒ Dust extraction of air taken from the vicinity of engines intended to operate in dusty conditions
- ⇒ Dust removal of exhaust gases from heating plants, heat and power plants, steel mills

