

# HIGH PRESSURE DUST SUPPRESSION



## Efficient dust suppression for crushing, demolition, screening etc.

Dynaset HPW dust suppression system develops required water pressure, of over 120 bars, which minimizes the drop size under 160  $\mu\text{m}$  producing thick water fog.

### Some high pressure dust suppression benefits:

- Extremely low water usage
- No mud: cleaner work site
- Small drop size reaches every dust particle and its weight rises dramatically.
- Clear air: good visibility & better breathing air

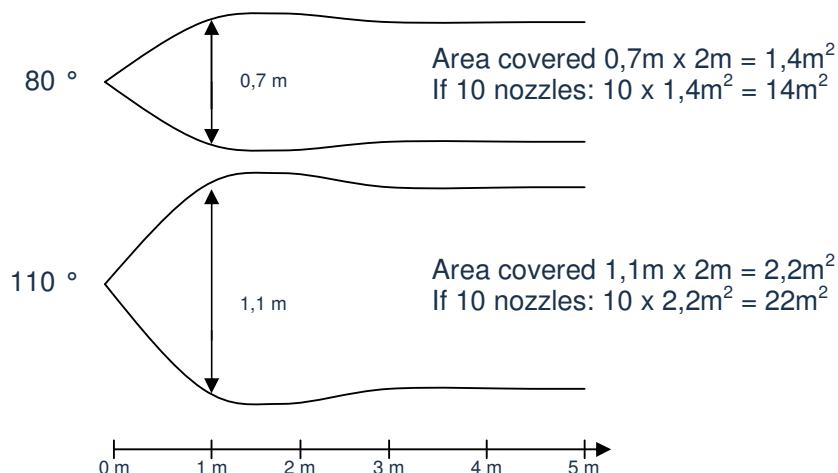
## Complete Dynaset hydraulic high pressure dust suppression unit includes

- Dynaset high pressure water pump
- Dust suppression nozzle block and nozzles
- Washing pistol
- Hose and hose reel
- Etc.

# Recommended dust suppression nozzles

Nozzle type	Angle	Nominal size	Water flow l/min (120bar)
632.187	120	0,030	0,65
1100033	110	0,033	0,77
632.217	120	0,036	0,85
1100050	110	0,050	1,13
1100067	110	0,067	2,50

## Single nozzle coverage



## Adaptability

Application	HPW 200 DUST	HPW 90 DUST
Mobile crusher	•	
Mobile screen	•	
Breaker hammer	•	•
Pulverizer	•	
Cutter-crusher	•	•
Rock drill	•	
Wheel loader	•	
Dumber	•	
Mobile compactors	•	

## Hydraulic requirements

### HPW 200:

- Oil flow max. 45l/min
- Oil pressure max. 210bar

### HPW 90:

- Oil flow max. 85l/min
- Oil pressure max. 210bar