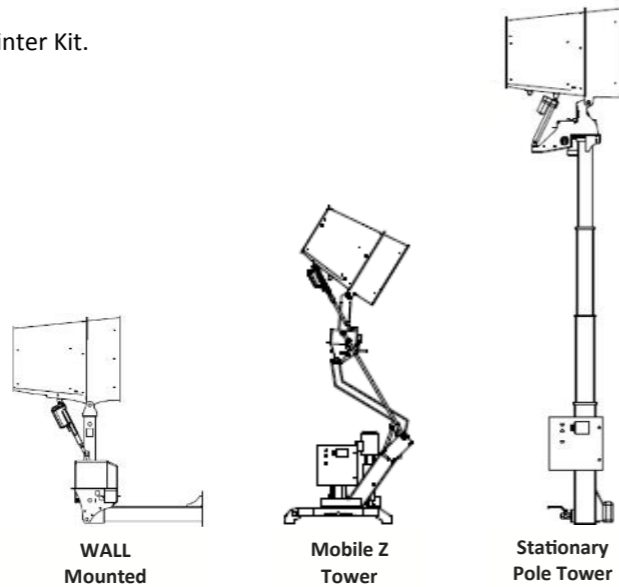


A30 - A40 - A50 - A60 CLU mist cannon

DUZTECH HEAVY DUTY mist cannons are built to last! Equipped with a strong chassis the machines are perfect for the Demolition, Steel and Rental industry. All chassis components are hot dip galvanized. Features as electric tilt and automatic main valve as **standard**. Also standard is automatic swing operation to distribute the water mist over large areas. The units also feature low power consumption, compared to the throwing distance. The flow is adjustable to suit application requirements. The water mist generated by the units have a droplet size between 10-150 microns with a mean droplet size of 70 microns. The machine is ideal for outdoor all round dust suppression and wetting at steel plants, mining operations, demolition, bulk handling, crushing and recycling.

The unit operate below 0°C equipped with Winter Kit.

Droplet size: 10 - 150 microns
Mean droplet size: 70 microns



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

HEAVY DUTY

SPECIFICATIONS	A 30	A 40	A 50	A 60
Fan motor rating	5,5 kW	7,5 kW	18,5 kW	30 kW
Pump motor rating	2,2 kW	2,2 kW	2,2 kW	2,2 kW
Current consumption	15 Amps	20 Amps	42 Amps	54 Amps
Power connector size	16 A - 5 pin	32 A - 5 pin	63 A - 5 pin	63 A - 5 pin
Throw	25 - 30 m	35 - 40 m	50 - 60 m	60 - 80 m
Dry weight	435 kg	465 kg	515 kg	690 kg
<i>If connected to generator (generator power output needed)</i>	30 kVA	40 kVA	60 kVA	60 kVA
Power cable length	5 m			
Specified voltage	400 AC (380-415)			
Line connection	L1-L2-L3-N-PE			
Frequency	50 Hz			
Control panel	Start / Stop - Tilt up/down Turn left/right - Auto turn on/off Turn area setting			
Remote control (option)	Hand held wireless remote control with min range of 100 m at free line of sight			
Elevation, ELECTRIC	-10 / +50°			
Automatic turning system	15° or 30° or 60°			
Turning area	All around, no mechanical limit			
Water flow	20 - 60 LPM			
Water connection	Thread 1" BSP (DN25)			
Required in pressure	2 - 10 bar (min flow of 60 LPM)			
Water quality	Portable / non portable			
Operating temp.	-25°C to +50°C (winter kit needed below 0°C)			
Storage temp.	-40°C to +60°			
Length	1 400 mm			
Width	1 300 mm			
Height	1 900 mm (A 60 - 2 100 mm)			



STANDARD EQUIPMENT

- Booster pump 6-16 bar
- Water swivel
- Automatic water inlet valve (open at start)
- Water drain valve
- Pump run dry protection
- Filter system 500 micron 3"
- Pressure gauges
- Automatic turning system
- Electric elevation
- Hose and Cable holder

OPTIONS

- Wireless remote control
- Variable throwing distance
- Electric Swivel - Unlimited rotation!
- Wheel set with three wheels
- Dosing pump for additives
- Fan barrel with noise reduction
- Winter kit
- Automatic turning system 330° & Timer function (touch screen)
- WALL & TOWER mounted editions
- Misting system LOW FLOW - FINE MIST
- 70 bar pump with 5-60 micron droplets
- Flow 8 LPM - Pump 1,5 kW - Filter 60 micron



DUZTECH
Do it with water



MANUFACTURER OF DUST SUPPRESSION SYSTEMS

PRODUCT CATALOGUE V1.5







duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu



 **DUZTECH**
Do it with water



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu



DUZTECH AB provide solutions for dust suppression. **OUR PRODUCTS** work with water. A mist of micro water droplets (optimized to the right size) is sprayed to suppress the dust. **WE OFFER YOU** knowledge, hardware, systemdesign and support in the area of dust suppression in- and outdoor. Normally Duztech works with water guns and/or fixed spray systems. **OUR PRODUCTS** are designed, constructed and assembled in Sweden. Our products are technically market leading and the company has a deep knowledge on designing and manufacturing machines for dust suppression.

WORKING WITH THE ENVIRONMENT We use modern technology to make the environment better. We invest in development of energy efficient equipment for dust suppression. During operation the equipment consumes a minimum of power and only water and air is used in the process.

 **DUZTECH**
Do it with water

DEMOLITION Application



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

CONCRETE CRUSHING Application



 **DUZTECH**
Do it with water

QUARRY Application



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

PORTS Application



 **DUZTECH**
Do it with water

COAL YARD Application



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

MINING Application



 **DUZTECH**
Do it with water

STEEL PLANTS Application



duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

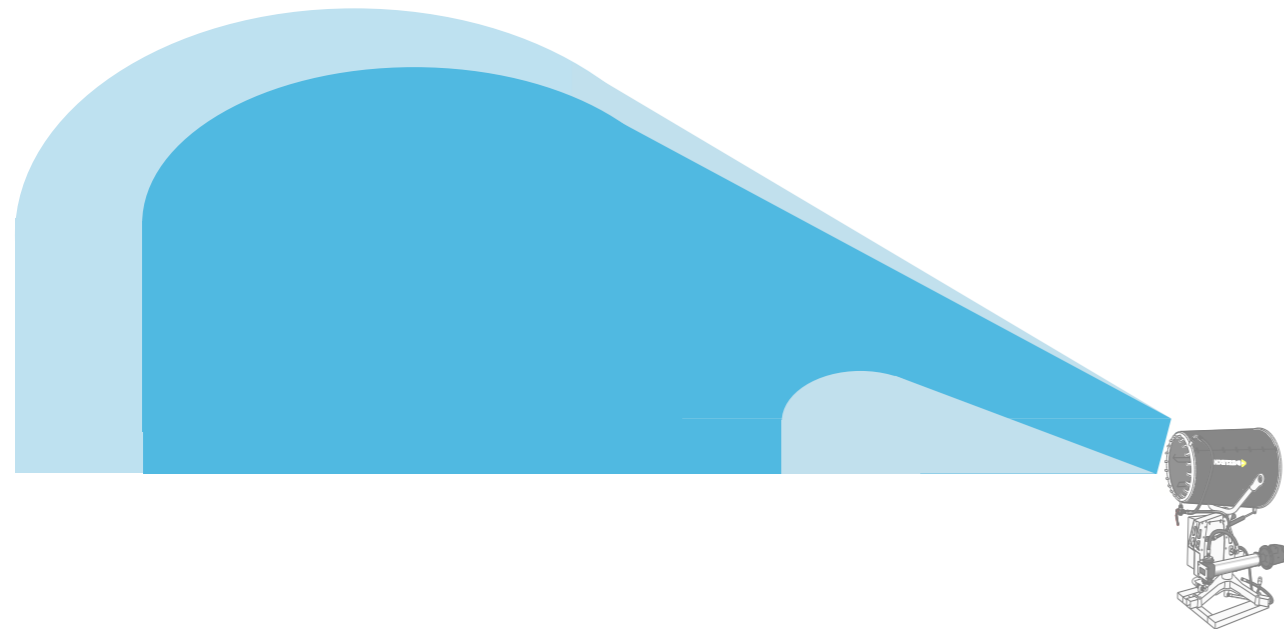
RECYCLING Application



 **DUZTECH**
Do it with water

Throwing distance of fan machines

in theory & reality...



A 30	Max 30m:	70% of water volume at 5-25m
A 40	Max 40m:	70% of water volume at 7-35m
A 50	Max 60m:	70% of water volume at 10-50m
A 60	Max 80m:	70% of water volume at 15-60m

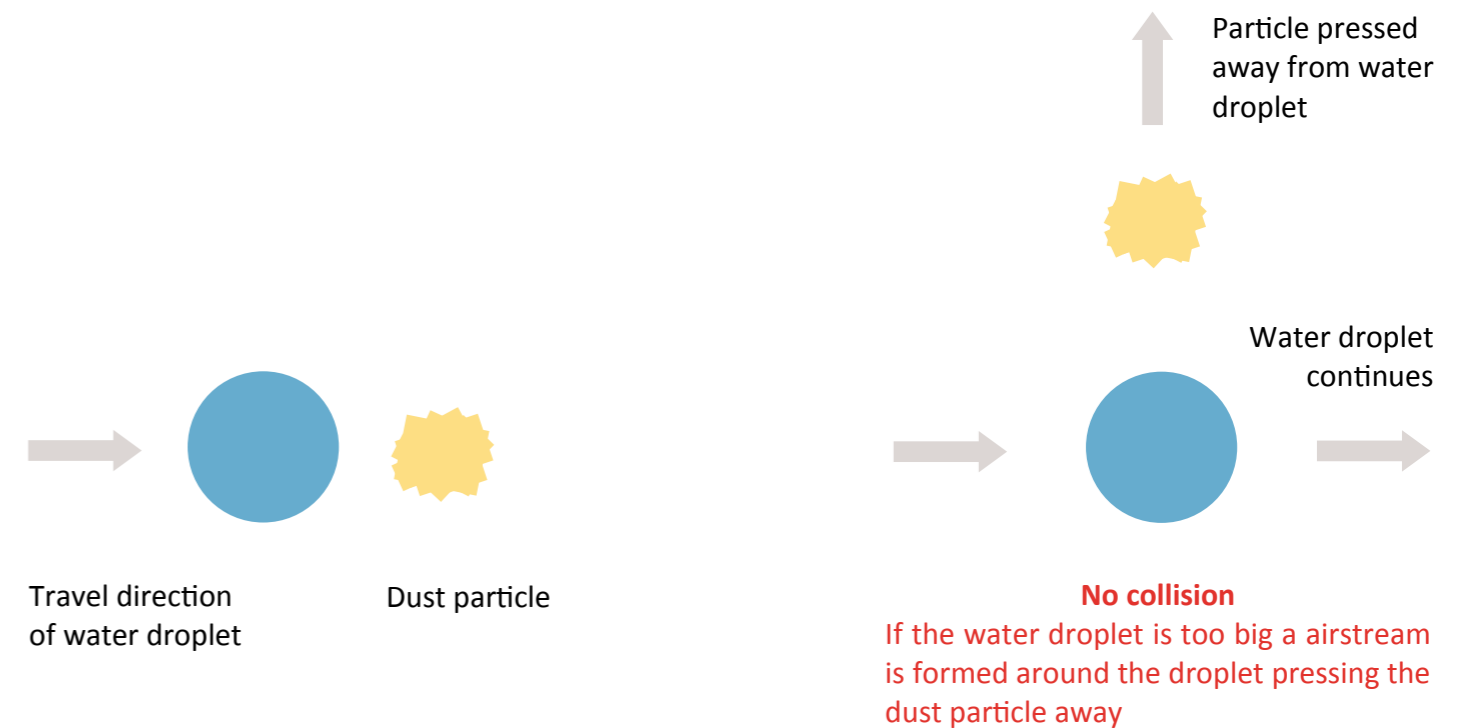
Some data in this publication can be nominal.
 We reserve the right to change specifications and design without prior notice.
 The illustrations do not necessarily show the standard version of the machine.
 Values at MSL (Mean Sea Level) (0 m above sea level at 15°C at 1013,25 hPa / mbar).
 Measurements made at windless conditions.
 Throw length /height varies with wind.
 Areal coverage depending on setting of turning device.

duztech.com

MANUFACTURER: DUZTECH AB • Odenskogsvägen 9 • 831 48 Östersund, SWEDEN • Tel: 0046 (0)63-10 06 06 • E-mail: info@duztech.eu

Theory and application of dust suppression

Research in connection to development of dust suppression systems shows that if a number of droplets in the approx. the same size as the dust particle is generated, the changes of collision is high.



DUZTECH
 Do it with water