

Components	Description			Quantity
Pump Station				1
Available in	220V	380V	525V 1000V	
Pump size	WL 160	WL 3000		1
Motor Size	11kw	12kw		1
Brands used	WEG; ACTOM; SIEMENS; ELECTROMOTE			
Maximum flow @ 20 bar	180 L/min		242 L/min	
	80 Max		110 Max	
Electrical Control Panel				
Activation types	Programable timer			1
	Realtime aerosol monitor contact			1
	Interconnection contact (blasting contact)			1
	Remote start station			2
Water Plant				
	5000 Liter tank	2500 Liter tank		1
	Mechanical float valve (max 10Bar supply)			1
	Mechanical pressure reducer (reduce pressure by 10 Bar + water strainer for inlet water)			1
	10M float switch (dry run protection for pump)			1
	Pump inlet strainer			1
	Suction hose			1
	Teflon water plug			1
	Pratley 2 way termination box			1
	Milton Roy pump	Prominent beta 4 dosing pump		1
	210 Liter chemical tank			1
	Level switch			1
	Pratley 2 way box			1
Plumbing				
HDPE PIPE	CL 20 HDPE 40mm pipe			700m Max
Piping	2" Dynamische Hydraulic pipe (275 Bar)			30m max
HDPE CL 16 Elbows	1/2" NTP			10 Max
HDPE CL 16 T-Pieces	1/2" NTP			10 Max
CL 20 Saddles	40mm - 1/2" NTP			Pump dependent
Check valves	1/2" 16 bar cracking pressure			Pump dependent
Consumables				
	Cable ties			100
	S/S strapping			



KDOHC

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KDOHC

**AUTOMATED
FOOTWALL
TREATMENT**

WWW.KDOHC.CO.ZA



DRY FOOTWALL



TREATED FOOTWALL



FOOTWALL TREATMENT SYSTEM IN OPERATION @ 16 BAR



COMPLETE PUMP STATION AND DOSING PLANT



DOSING PUMP



210 LITER CHEMICAL TANK IN BUND WALL



AUTOMATED FOOTWALL TREATMENT SYSTEM IN OPERATION



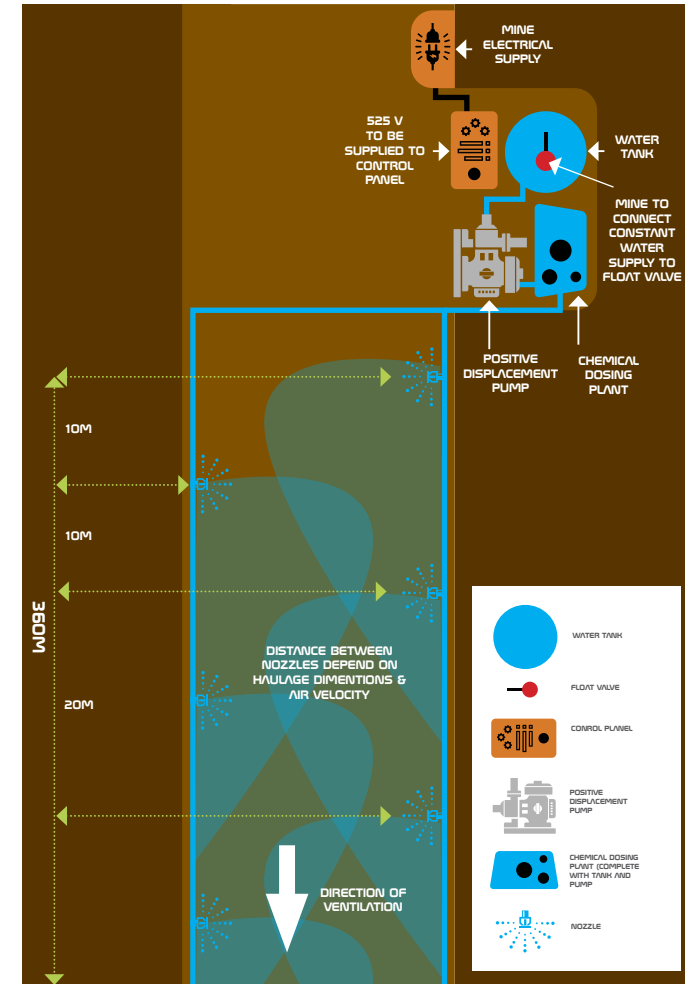
AUTOMATED FOOTWALL TREATMENT PANEL



WL 160 PUMP STATION



AUTOMATED FOOTWALL TREATMENT SCHEMATIC



WL 3000 PUMP



WL 160 PUMP