



## WATER SPRINKLER

DESCRIPTION	Units	WS28-2	WS-28	WS-35	WS-70
<b>ENGINE</b>					
Model		CUMMINS NTA-855-C BIG CAM III	CUMMINS NTA-855-C BIG CAM III	BEML BSA6D140-1	CUMMINS KTA-38-C
Flywheel	fhp/rpm (kW)	375/2100 (280)	365/2100 (280)	455/2100 (339)	883/2100 (659)
<b>CAPACITY</b>					
Carrying Capacity	ltrs	28000	28000	35000	70000
Water Weight	kg	28000	28000	35000	70000
<b>POWER TRANS SYSTEM</b>					
Make		AVTEC, CLBT 754	AVTEC, CLBT 754	AVTEC, CLBT 5961	BEML
No. of Speeds (Forward / Reverse)		5/1	5/1	6/1	7/1
<b>BRAKES</b>					
Service Brake : Front		Air-over-hydraulic Dry Caliper Disc	Internal Expanding Shoe	Air-Over, Hydraulic, Dry Caliper Disc	
Rear		Air-over-hydraulic Wet multiple disc.	Internal Expanding Shoe	Air-Over, Hydraulic, Oil cooled, Wet multiple Disc	
<b>WATER SYSTEM</b>					
a) Water Pump Type		Centrifugal Pump	Centrifugal Pump	Centrifugal Pump	Centrifugal Pump
Capacity		110 m <sup>3</sup> /hr@2900rpm and 55m head	72 m <sup>3</sup> /hr@2900rpm and 50m head	110m <sup>3</sup> /hr@2900rpm and 55m head	180m <sup>3</sup> /hr@2900rpm and 85m head
Drive		Hydraulic Motor	Hydraulic Motor	Hydraulic Motor	Hydraulic Motor
b) Pipings Suction	mm	80	80	80	100
Discharge	mm	50	50	50	80
Valves		Butterfly type	Butterfly type	Butterfly type	Butterfly type
c) Sprinkling		Pressurised	Pressurised	Pressurised	Pressurised
Spreading width	mtrs	14	10	14-16	21
Gravity Sprinkling		Through perforated manifold connected to tank bottom	Through perforated manifold connected to tank bottom	Through perforated manifold connected to tank bottom	Through perforated manifold connected to tank bottom
Nozzles		Fish Tail Type	Fish Tail Type	Fish Tail Type	Fish Tail Type
Fuel Tank Refill Capacity	ltrs	540	397	583	1240
Tyre Size : Front / Rear		18.00x25 - 32 PR (E-4)	18.00x25 - 32 PR(E-3)	18.00x25 - 32 PR (E-3)	24.00x49 - 48 PR (E-4)