

Use The Machinery Of  
**AASPA EQUIPMENT**  
Pave The Way To Success



## **VERTICAL STORAGE SILO**

**AS-50-75-100-200-300-500**

## VERTICAL STORAGE SILO AS-(50-75-100-200-300-500)

AASPA 50 tones capacity cement silo AS-50 has a wide range of usage area from concrete plants to block machines and also ground study applications. AS-(50-75-100-200-300-500) can be manufactured as bolted or welded type. 2 sets of bolted version of AS-50 can be shipped within 1 pcs 40 ft OT container or a truck.

AASPA AS-(50-75-100-200-300-500) cement silo is equipped with maintenance platform between the legs, cement filling pipe, inner and outer manholes, safety guards, roof flanges for air filter and pressure safety valve, a roof gate for inner manhole and also a cone flange for butter fly valve

AASPA AS-50 cement silo is supplied together with all necessary silo equipment such as cement screw conveyor with the desired diameter & length, air filter, pressure safety valve, top & bottom level indicators, air fluidization nozzles, pulse valve and cone butter fly valve for manual cement discharging.

In case of manufacturing the bolted type version, parts of cement silos are manufactured by sensitive laser cutting and drilling methods. In the job site, parts of cement silos can be assembled easily and sensitively





## SPECIFICATION(50):

<b>SILO CAPACITY</b>	50 TONS, 38 m <sup>3</sup>
<b>SILO HEIGHT</b>	15000 mm
<b>SILO DIAMETER</b>	2400 mm
<b>QUANTITY OF SILO LEGS</b>	4
<b>SILO OUTPUT DIAMETER</b>	300 mm
<b>NUMBER OF COMPONENTS</b>	8
<b>SILO WEIGHT</b>	6160 kg
<b>MATERIAL OF SILO LEGS</b>	168x5 mm, STEEL PIPE
<b>SUPPORTS OF SILO LEG</b>	NPL 60 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	15 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	100 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37- 5 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37- 4 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37- 4 mm SHEET METAL
<b>CHARGING PIPE</b>	4" STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	



## SPECIFICATION(70):

<b>SILO CAPACITY</b>	75 TONS, 58 m <sup>3</sup>
<b>SILO HEIGHT</b>	15880 mm
<b>SILO DIAMETER</b>	3060 mm
<b>QUANTITY OF SILO LEGS</b>	4
<b>SILO OUTPUT DIAMETER</b>	
<b>NUMBER OF COMPONENTS</b>	98
<b>SILO WEIGHT</b>	6360 kg
<b>MATERIAL OF SILO LEGS</b>	219x5 mm, STEEL PIPE
<b>SUPPORTS OF SILO LEG</b>	NPL 80 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	20 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	100 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37- 6 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37- 5 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37- 4 mm SHEET METAL
<b>CHARGING PIPE</b>	4” STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT.</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	



## SPECIFICATION(100):

<b>SILO CAPACITY</b>	100 TONS, 78 m <sup>3</sup>
<b>SILO HEIGHT</b>	18920 mm
<b>SILO DIAMETER</b>	3060 mm
<b>QUANTITY OF SILO LEGS</b>	4
<b>SILO OUTPUT DIAMETER</b>	300 mm
<b>NUMBER OF COMPONENTS</b>	120
<b>SILO WEIGHT</b>	8000 kg
<b>MATERIAL OF SILO LEGS</b>	219x5 mm, STEEL PIPE
<b>SUPPORTS OF SILO LEG</b>	NPL 80 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	20 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	100 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37- 6 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37- 5 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37- 4 mm SHEET METAL
<b>CHARGING PIPE</b>	4" STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	



## SPECIFICATION(200):

<b>SILO CAPACITY</b>	200 TONS, 153 m <sup>3</sup> (Cement density as 1.3 ton/m <sup>3</sup> )
<b>SILO HEIGHT</b>	18360 mm
<b>SILO DIAMETER</b>	4100 mm
<b>QUANTITY OF SILO LEGS</b>	4
<b>SILO OUTPUT DIAMETER</b>	300 mm
<b>NUMBER OF COMPONENTS</b>	150
<b>SILO WEIGHT</b>	14800 kg
<b>MATERIAL OF SILO LEGS</b>	200x2 mm, RECTANGULAR IRON
<b>SUPPORTS OF SILO LEG</b>	NPL 80 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	20 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	140 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37- 8 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37- 5 and 6 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37- 4 mm SHEET METAL
<b>CHARGING PIPE</b>	4” STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	



## SPECIFICATION(300):

<b>SILO CAPACITY</b>	300 TONS, 230 m <sup>3</sup> (Cement density as 1.3 ton/m <sup>3</sup> )
<b>SILO HEIGHT</b>	18450 mm
<b>SILO DIAMETER</b>	5140 mm
<b>QUANTITY OF SILO LEGS</b>	6
<b>SILO OUTPUT DIAMETER</b>	300 mm
<b>NUMBER OF COMPONENTS</b>	191
<b>SILO WEIGHT</b>	22000 kg
<b>MATERIAL OF SILO LEGS</b>	273x10 mm, STEEL PIPE
<b>SUPPORTS OF SILO LEG</b>	NPL 80 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	20 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	200 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37, 8 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37, 8-6-5 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37, 5 mm SHEET METAL
<b>CHARGING PIPE</b>	4" STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	

**Painting: 1 layer of anticorrosive paint, 2 layers of Final Coat Epoxy Paint, total paint thickness: 140 microns**



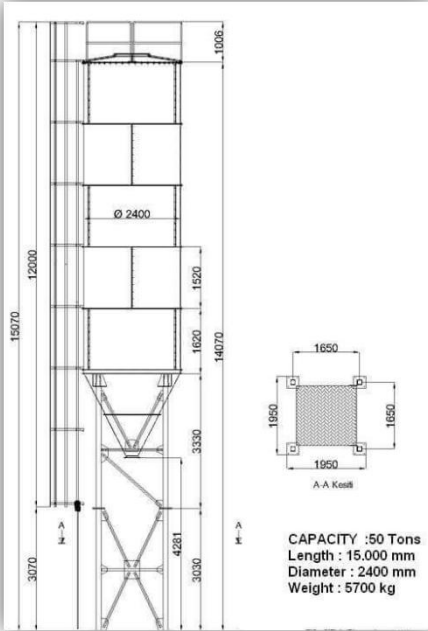
## SPECIFICATION(500):

<b>SILO CAPACITY</b>	500 TONS, 385 m <sup>3</sup> (Cement density as 1.3 ton/m <sup>3</sup> )
<b>SILO HEIGHT</b>	19.945 mm
<b>SILO DIAMETER</b>	6.180 mm
<b>QUANTITY OF SILO LEGS</b>	6
<b>SILO OUTPUT DIAMETER</b>	300 mm
<b>NUMBER OF COMPONENTS</b>	250
<b>SILO WEIGHT</b>	28.000 kg
<b>MATERIAL OF SILO LEGS</b>	273x12 mm, STEEL PIPE
<b>SUPPORTS OF SILO LEG</b>	NPL 80 mm CORNER IRON
<b>SHEET METALS OF SILO LEG</b>	20 mm SHEET METAL
<b>CONICAL PART SUPPORT MATERIAL</b>	200 mm STEEL C CHANNEL
<b>CONICAL PART MATERIAL</b>	ST- 37, 8 mm SHEET METAL
<b>SILO BODY MATERIAL</b>	ST- 37, 8-6-5 mm SHEET METAL
<b>SILO TOP COVER MATERIAL</b>	ST- 37, 6 mm SHEET METAL
<b>CHARGING PIPE</b>	4" STEEL PIPE UP TO SILO LEG
<b>INNER MANHOLE IS PRESENT</b>	
<b>OUTER MANHOLE IS PRESENT</b>	
<b>SILO ROOF INCLUDES HANDRAILS</b>	
<b>MAINTENANCE PLATFORM IS PRESENT</b>	
<b>STRUCTURAL ANALYSIS IS MADE FOR THE SILOS AND MANUFACTURING PROCESS DEPENDS ON APPROVED PROJECTS.</b>	

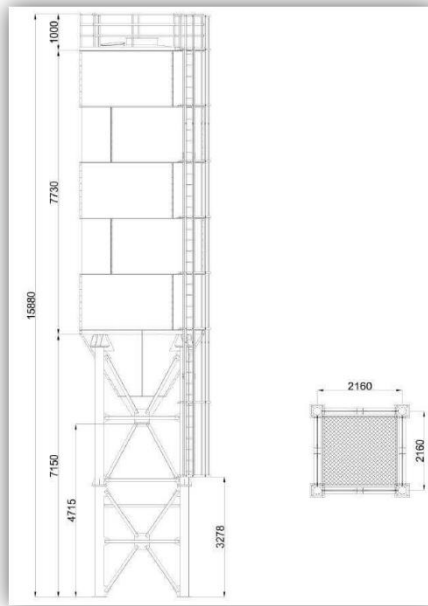
**Painting: 1 layer of anticorrosive paint, 2 layers of Final Coat Epoxy Paint, total paint thickness: 140 microns**



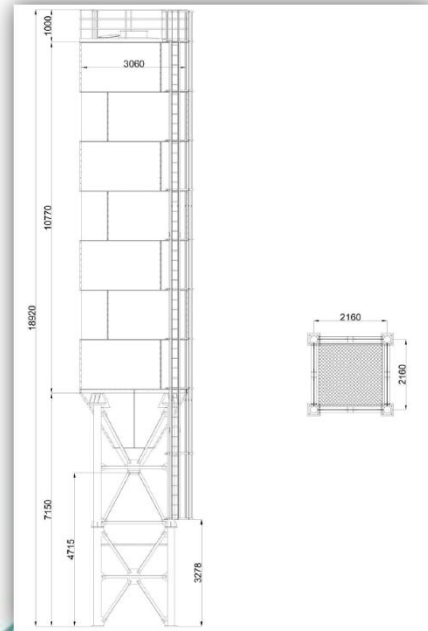
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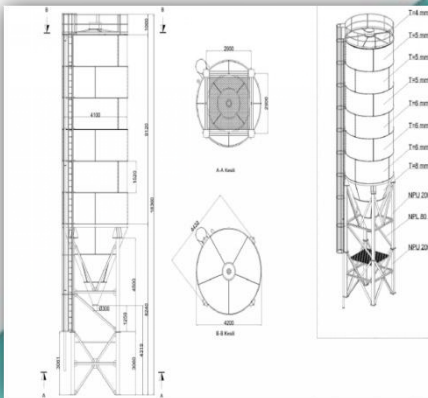
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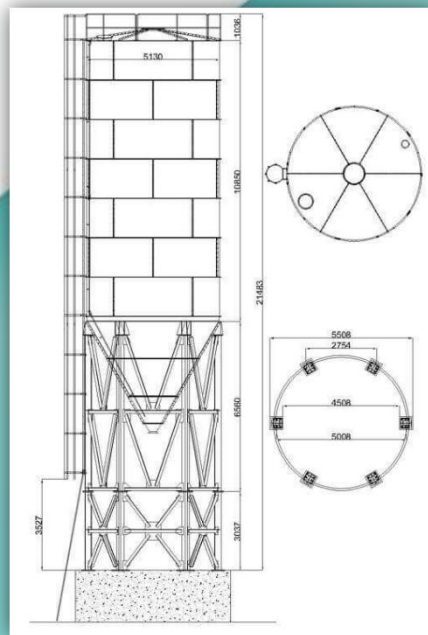
**LAYOUT(100):-**



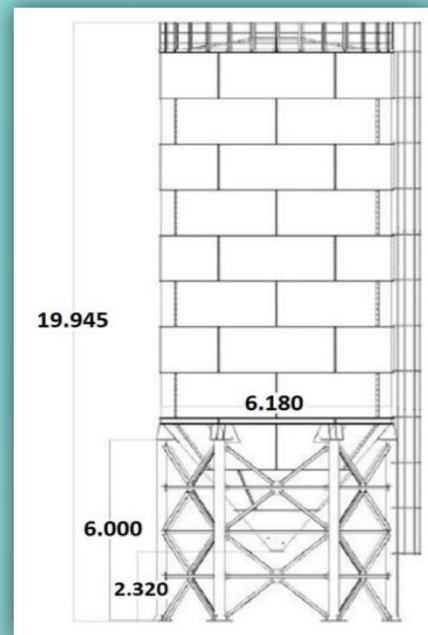
**LAYOUT(200):-**



**LAYOUT(300):-**



**LAYOUT(500):-**



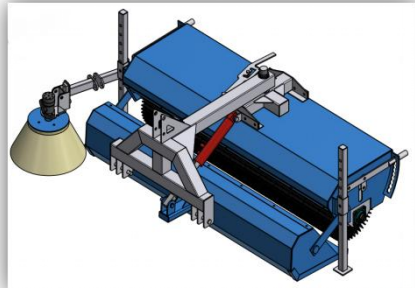
**OUR EQUIPMENTS**



**ASPHALT PAVER**



**ASPHALT DRUM MIX PLANT**



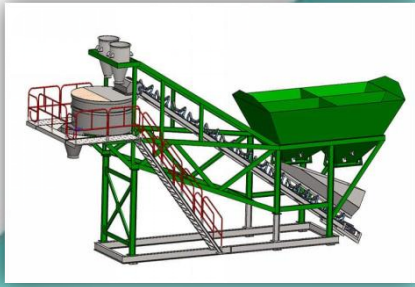
**ROAD SWEEPER MACHINE**



**KERB PAVER MACHINE 1000**



**KERB PAVER MACHINE 100**



**COMPACT CONCRETE BATCHING PLANT**



**ASPHALT BATCH MIX PLANT**



**STATIONARY CONCRETE BATCHING PLANT**



**COUNTER FLOW DRUM MIX PLANT**



**HORIZONTAL STOREGE SILO**



**BITUMEN DRUM DECANDER**



**KERB CUTTING MACHINE**

**OUR EQUIPMENTS**



**DUST  
CONDITIONER**



**WASTE COMPOST  
MACHINE**



**SEGRIGATION  
COMPOST MACHINE**



**REVERSIBLE  
BATCHING PLANT**



**BITUMEN  
EMULSION PLANT**



**WET MIX MACADAM  
PLANT/DLC PLANT**



**COAL FIRED  
BURNER**



**AASPA POTHOLE PATCHER  
WORKING PROCESS**



**MOBILLE CONCRETE  
BATCHING PLANT**



**BITUMEN PRESSURE  
DISTRIBUTOR**



**BITUMEN EMULSION  
SPAREYER**



**FULLY AUTOMATIC  
ROAD MARKING  
MACHINE**

## OUR EXPORTS



### Contact us

223, Arth Business Centre (ABC, Sardar Patel Ring Rd, opp. Torrent Sub-Station, Nikol, Ahmedabad, Gujarat, India 382350

☎ +91 9898341024 +91 9428325161 +91 8980341024

✉ info@aaspaequipment.com, sales@aaspaequipment.com

🌐 [www.aaspaequipment.com](http://www.aaspaequipment.com)

🇮🇳 **Factory Address**

Survey.No.159,Kansarakui-Ganeshpura road Village Randala Visnagar - 384001 Mehsana Gujarat,india

🇺🇸 **USA:**1620 Bryant Dr unit#1102 Round Rock, TX 78664, USA

🇨🇦 **Canada:**1006,4677,Glen Erin Drive,MISSISSAUGA,Ontario,L5M 2E

🇴🇲 **Oman:**P.O Box 924, Postal Code – 112 sultanate of oman