



# ASPHALT MIXING PLANT

MODEL : PAP2000S

## TECHNICAL SPECIFICATIONS

**POWERPAC**  
POWERPLUS GROUP INC., USA

### MAIN SPECIFICATIONS

1. Capacity: (t/h) 160-180
2. Oil Consumption: (kg/t) 5-7.5 (Asphalt)
3. Measuring Accuracy  
Aggregate: (%)  $\pm 0.5$   
Filler: (%)  $\pm 0.5$   
Asphalt: (%)  $\pm 0.25$
4. Dust Cleaning Efficiency  
Dust remove with water : (mg/Nm<sup>3</sup>)  $\leq 200$   
(Concentration of discharging power and dust)  
Dust Remove with Bag Filter: (mg/Nm<sup>3</sup>)  $\leq 100$   
(Dust extract with hop-pocket)
5. Mix Equitability: Meet for any quality of work
6. Mode of Operation: Manual, Automatic
7. Overall L×W×H: (m) 66×34×18
8. Total power: (kW) 396

### COLD AGGREGATE FEEDING SYSTEM

Cold material hopper (5 hoppers): 1 set  
Cubage of hopper: (m<sup>3</sup>) 10  
Hopper (L×W): (mm) 3300×2400  
Capacity: (t/h) 210  
Power: (kW) 2 x 5.5  
Power of middle filter: (kW) 0.25  
Power of Pulsator: (kW) 0.25

### DRYER SYSTEM

Diameter: (mm) 2200  
Length: (mm) 9000  
Thickness: (mm) 16 (armor plate)  
Power: (kW) 4×18.5  
Capacity: (t/h) 160 (water $\leq$ 3%)  
Obliquity of installation: (°) 4  
Temperature of air:  $\leq$  (°C) 130

### BURNER SYSTEM

Max. oil consumption: (kg/h) 1200  
Oil pump power: (kW) 2.2  
Fan motor power: (kW) 45

### HOT MATERIAL ELEVATOR

Model: Upright chain  
Power: (kW) 15  
Capacity: (t/h) 180

### DUST CLEANING SYSTEM

Water dust remover: 1set  
Power of exhaust fan: (kW) 75  
Efficiency: (mg/Nm<sup>3</sup>)  $\leq 400$

### VIBRATING SCREEN SYSTEM

Vibrating screen with 4 tiers (double-shaft outside): 1 unit  
Power: (kW) 11  
Capacity: (t/h) 170  
Specification of mesh: Made in the order



### WEIGHING SYSTEM

Cubage of Aggregate Weighing Device: (kg) 2200  
Scale of Sensor: (kg/unit) 3x2000  
Weighing Accuracy: (%)  $\pm 0.5$   
Cubage of Filler Weighing Device: (kg) 500  
Scale of Sensor: (kg/unit) 3x200  
Weighing Accuracy: (%)  $\pm 0.5$   
Cubage of Asphalt Weighing Device: (kg) 150  
Scale of Sensor: (kg/unit) 3x100  
Weighing Accuracy: (%)  $\pm 0.25$

### MIXER SYSTEM

Mixing capacity: (kg/batch) 2200  
Motor power: (kW) 2x37

### FILLER FEEDING SYSTEM

Cubage of filler storage: (m<sup>3</sup>) 30  
Power of Feeder: (kW) 2x3  
Power of elevator: (kW) 4

### WORKING FRAME SYSTEM

Structure of Mixing Plant: 5 Tiers(including vibrating screen)  
Width: (mm) 2500  
Height: (mm) 3800

### AIR COMPRESSOR SYSTEM

Cubage: (m<sup>3</sup>) 1.6  
Power: (kW) 11  
Wind Pressure: (MPa) 0.7

### ELECTRICAL CONTROL SYSTEM

Voltage of source: (V) 380  
Control voltage: (V) 220  
Control mode: Automatic, Half- Automatic, Manual  
Overall: (mm) 4000 x 2260 x 2500

### ASPHALT SPRAYING AND FEEDING SYSTEM

Power of pump: (kW) 15/7.5