



ASPHALT MIXING PLANT

MODEL : PAP1500S

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

MAIN SPECIFICATIONS

1. Capacity: (t/h) 120-140
2. Oil Consumption: (kg/t) 5-7.5 (Asphalt)
3. Measuring Accuracy
Aggregate: (%) ± 0.5
Filler: (%) ± 0.5
Asphalt: (%) ± 0.25
4. Dust Cleaning Efficiency
Dust remove with water : (mg/Nm³) ≤ 200
(Concentration of discharging power and dust)
Dust Remove with Bag Filter: (mg/Nm³) ≤ 100
(Dust extract with hop-pocket)
5. Mix Equitability: Meet for any quality of work
6. Mode of Operation: Manual, Automatic,
Half Automatic
7. Overall L×W×H: (m) 64×34×15
8. Total power: (kW) 298

COLD AGGREGATE FEEDING SYSTEM

Cold material hopper (4 hoppers): 1 set
Cubage of hopper: (m³) 10
Hopper (L×W): (mm) 3200×2400
Capacity: (t/h) 140
Power: (kW) 2 x 4
Power of middle filter: (kW) 0.25
Power of Pulsator: (kW) 0.25

DRYER SYSTEM

Diameter: (mm) 1800
Length: (mm) 8000
Thickness: (mm) 14 (armor plate)
Power: (kW) 4x11
Capacity: (t/h) 140 (water \leq 3%)
Obliquity of installation: (°) 3.5
Temperature of air: (°C) ≤ 130

BURNER SYSTEM

Max. oil consumption: (kg/h) 900
Oil pump power: (kW) 4
Fan motor power: (kW) 37

HOT MATERIAL ELEVATOR

Model: Upright chain
Power: (kW) 11
Capacity: (t/h) 120

DUST CLEANING SYSTEM

Water dust remover: 1 set
Power of exhaust fan: (kW) 37
Efficiency: (mg/Nm³) ≤ 400

VIBRATING SCREEN SYSTEM

Vibrating screen with 4 tiers (double-shaft outside): 1 unit
Power: (kW) 11
Capacity: (t/h) 160
Specification of mesh: Made in the order



WEIGHING SYSTEM

Cubage of Aggregate Weighing Device: (kg) 1700
Scale of Sensor: (kg/unit) 3x2000
Weighing Accuracy: (%) ± 0.5
Cubage of Filler Weighing Device: (kg) 200
Scale of Sensor: (kg/unit) 3x500
Weighing Accuracy: (%) ± 0.5
Cubage of Asphalt Weighing Device: (kg) 120
Scale of Sensor: (kg/unit) 3x100
Weighing Accuracy: (%) ± 0.25

MIXER SYSTEM

Mixing capacity: (kg/batch) 1500
Motor power: (kW) 2x30

FILLER FEEDING SYSTEM

Cubage of filler storage: (m³) 3
Power of Feeder: (kW) 3
Power of elevator: (kW) 4

WORKING FRAME SYSTEM

Structure of Mixing Plant: 5 Tiers(including vibrating screen)
Width: (mm) 2230
Height: (mm) 3500

AIR COMPRESSOR SYSTEM

Cubage: (m³) 1.2
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) 3000 x 2260 x 2500

ASPHALT SPRAYING AND FEEDING SYSTEM

Power of pump: (kW) 7.5/5.5