



ASPHALT MIXING PLANT

MODEL : PAP3000S

TECHNICAL SPECIFICATIONS

POWERPAC
POWERPLUS GROUP INC., USA

MAIN SPECIFICATIONS

1. Capacity: (t/h) 260-300
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: (mg/Nm³) ≤ 100
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) 620

COLD AGGREGATE FEEDING SYSTEM

Cold material hopper (5 hoppers): 1 set
Cubage of hopper: (m³) 12-15
Hopper (L×W): (mm) 3200×2400
Capacity: (t/h) 280
Power: (kW) 2 x 5.5
Power of middle filter: (kW) 0.25
Power of Pulsator: (kW) 0.25

DRYER SYSTEM

Diameter: (mm) 2600
Length: (mm) 9500
Thickness: (mm) 16 (armor plate)
Power: (kW) 4x22
Capacity: (t/h) 240 (water \leq 3%)
Obliquity of installation: (°) 3.5
Temperature of air: \leq (°C) 130

BURNER SYSTEM

Max. oil consumption: (kg/h) 1850
Oil pump power: (kW) 4
Fan motor power: (kW) 55

HOT MATERIAL ELEVATOR

Model: Upright chain
Power: (kW) 22
Capacity: (t/h) 265

DUST CLEANING SYSTEM

Water dust remover: 1set
Power of exhaust fan: (kW) 2x75
Efficiency: (mg/Nm³) ≤ 100

VIBRATING SCREEN SYSTEM

Vibrating screen with 5 tiers(double-shaft outside): 1unit
Power: (kW) 2x15
Capacity: (t/h) 270
Specification of mesh: Made in the order



WEIGHING SYSTEM

Cubage of Aggregate Weighing Device: (kg) 3000
Scale of Sensor: (kg/unit) 3x2000
Weighting Accuracy: (%) ± 0.5
Cubage of Filler Weighing Device: (kg) 600
Scale of Sensor: (kg/unit) 3x500
Weighting Accuracy: (%) ± 0.5
Cubage of Asphalt Weighing Device: (kg) 480
Scale of Sensor: (kg/unit) 3x500
Weighting Accuracy: (%) ± 0.25

MIXER SYSTEM

Mixing capacity: (kg/batch) 3000
Motor power: (kW) 2x45

FILLER FEEDING SYSTEM

Cubage of filler storage: (m³) 30
Power of Feeder: (kW) 4x5.5
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: (m³) 3
Power: (kW) 22
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) 6000 x 2400 x 2500

ASPHALT SPRAYING AND FEEDING SYSTEM

Power of pump: (kW) 22/7.5