PMB INLINE MIXER 10-15 T/H (ONE PASS)

Build on a 40 feet frame

The ENH Engineering A/S PMB bitumen plant is designed to meet with the high demands for modern PMB technology. The in-line system of this plant offers the possibility to produce all known PMB types.
The in-line system provides great flexibility in the production phase. The different flows for bitumen and SBS are controlled individually and can be changed during production without any influence on each other.
A great advantage of the in-line system is that there is no need to premix any bitumen 1 and 2 and SBS in the tanks, all is added continuously during the production which means that **the production only pass the mill once** and can continue practically as long as required without any stop.

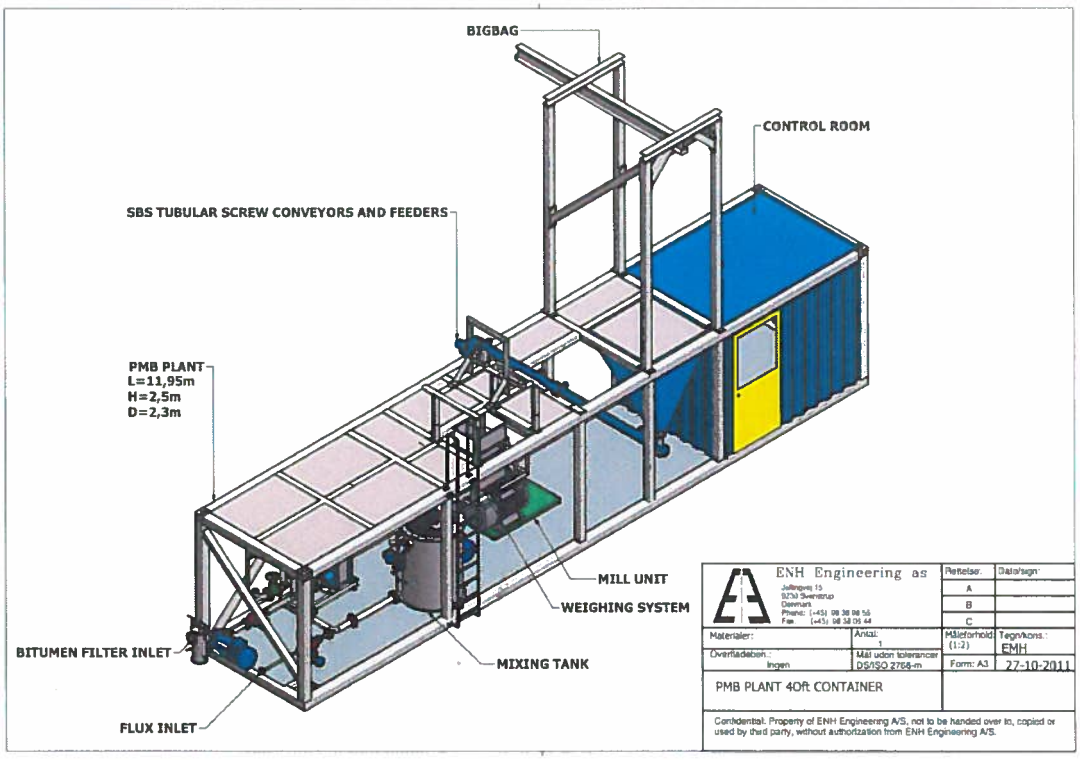
Technical description

Mobile continues PMB mixing plant build in 40 feet frame.
Containing mixing unit and dosage equipment.
Containing granulate feeding
Main control room

Production output rate:	4 - 6	ton/h	8 % SBS
	6 - 8	ton/h	6 % SBS
	8 - 15	ton/h	4 % SBS

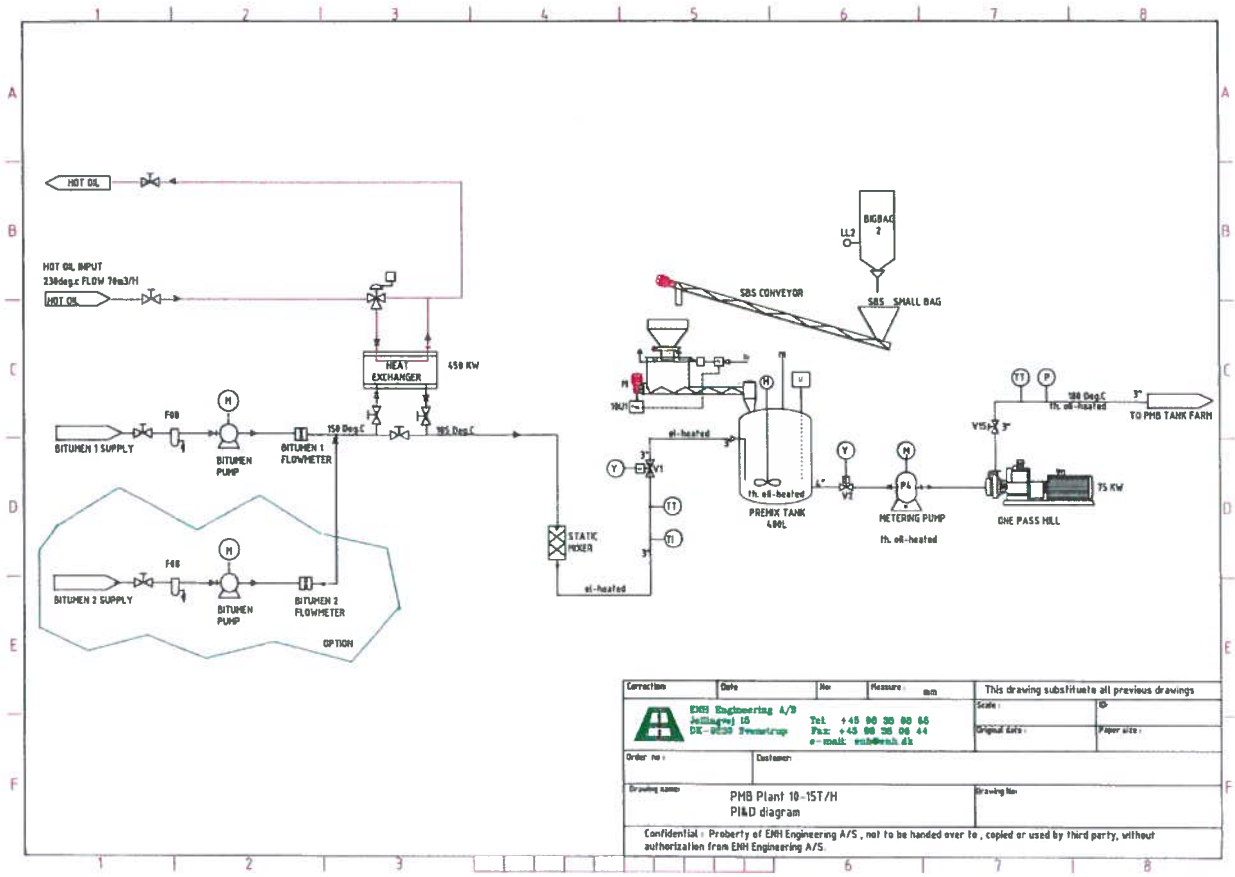
(Output rate can be various because of different qualities of bitumen and granulate products)

Voltage:	3 * 400/230 V
	50 Hz
	160 - 180 KVA



Mixing unit

- Bitumen feed pump
- Bitumen input flow meter
- Bitumen feed pump 2 – option
- Bitumen flow meter 2 - option
- Bitumen safety valve.
- Feed mixer tank.
- Bitumen safety valve.
- Bitumen metering pump
- Mill system
- Granulate dosage unit – man.
- Plate heat exchanger system
- Control room
- Control system



For further information please do not hesitate to contact us.

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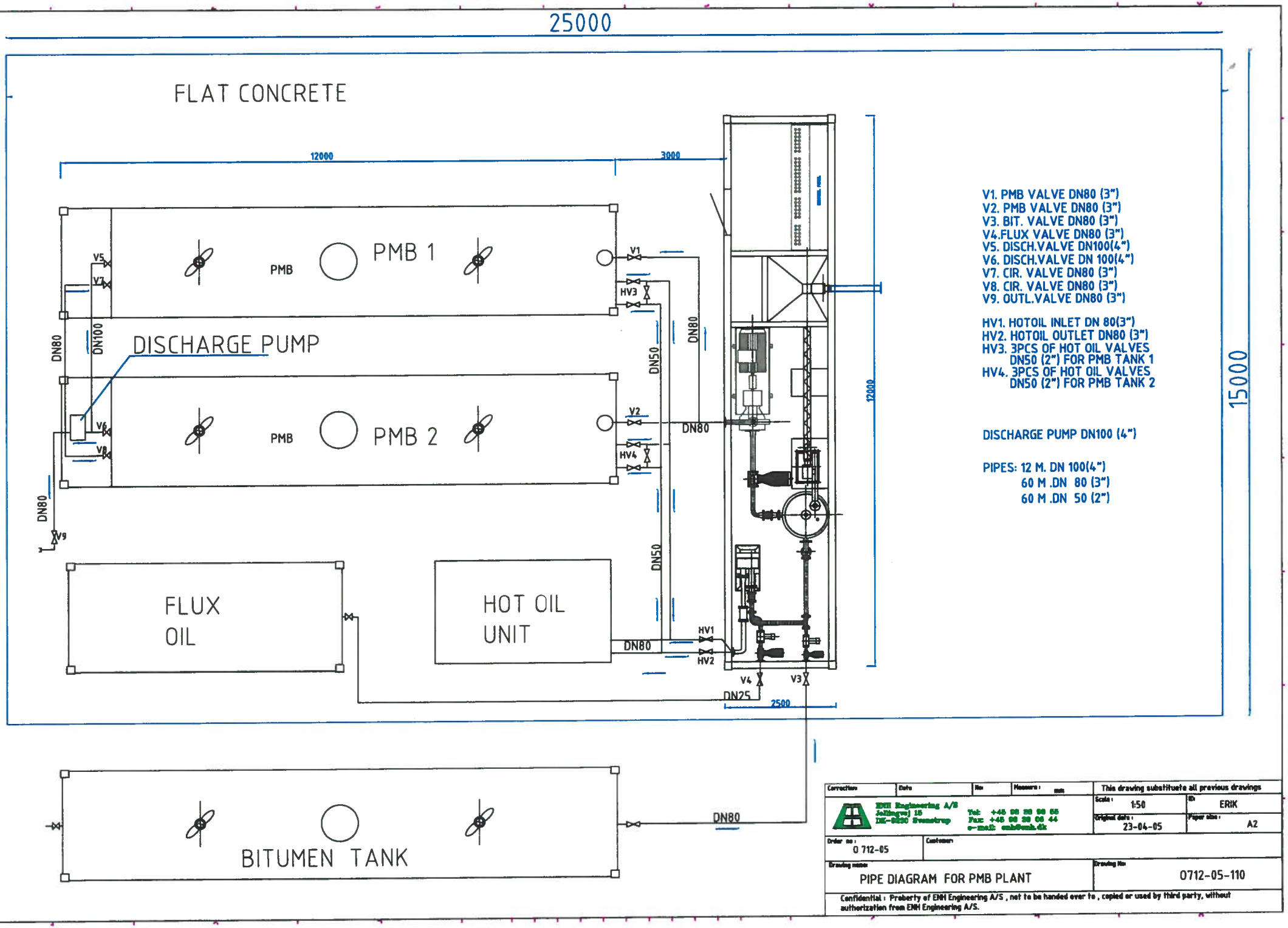
25000
15000
FLAT CONCRETE
12000
3000
PMB
PMB 1
PMB 2
DISCHARGE PUMP
V1
V2
V3
V4
V5
V6
V7
V8
V9
HV1
HV2
HV3
HV4
DN80
DN100
DN50
DN25
2500
FLUX OIL
HOT OIL UNIT
BITUMEN TANK
V1. PMB VALVE DN80 (3")
V2. PMB VALVE DN80 (3")
V3. BIT. VALVE DN80 (3")
V4.FLUX VALVE DN80 (3")
V5. DISCH.VALVE DN100(4")
V6. DISCH.VALVE DN 100(4")
V7. CIR. VALVE DN80 (3")
V8. CIR. VALVE DN80 (3")
V9. OUTL.VALVE DN80 (3")
HV1. HOTOIL INLET DN 80(3")
HV2. HOTOIL OUTLET DN80 (3")
HV3. 3PCS OF HOT OIL VALVES DN50 (2") FOR PMB TANK 1
HV4. 3PCS OF HOT OIL VALVES DN50 (2") FOR PMB TANK 2
DISCHARGE PUMP DN100 (4")
PIPES: 12 M. DN 100(4")
60 M .DN 80 (3")
60 M .DN 50 (2")
Correction
Date
No
Measure: mm
This drawing substituete all previous drawings
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Scale: 1:50
By: ERIK
Original date: 23-04-05
Paper size: A2
Order no: 0 712-05
Customer
Drawing name: PIPE DIAGRAM FOR PMB PLANT
Drawing No: 0712-05-110
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