

# Mobile EPS Recycling Solutions

# Requirements for the mobile EPS recycling system

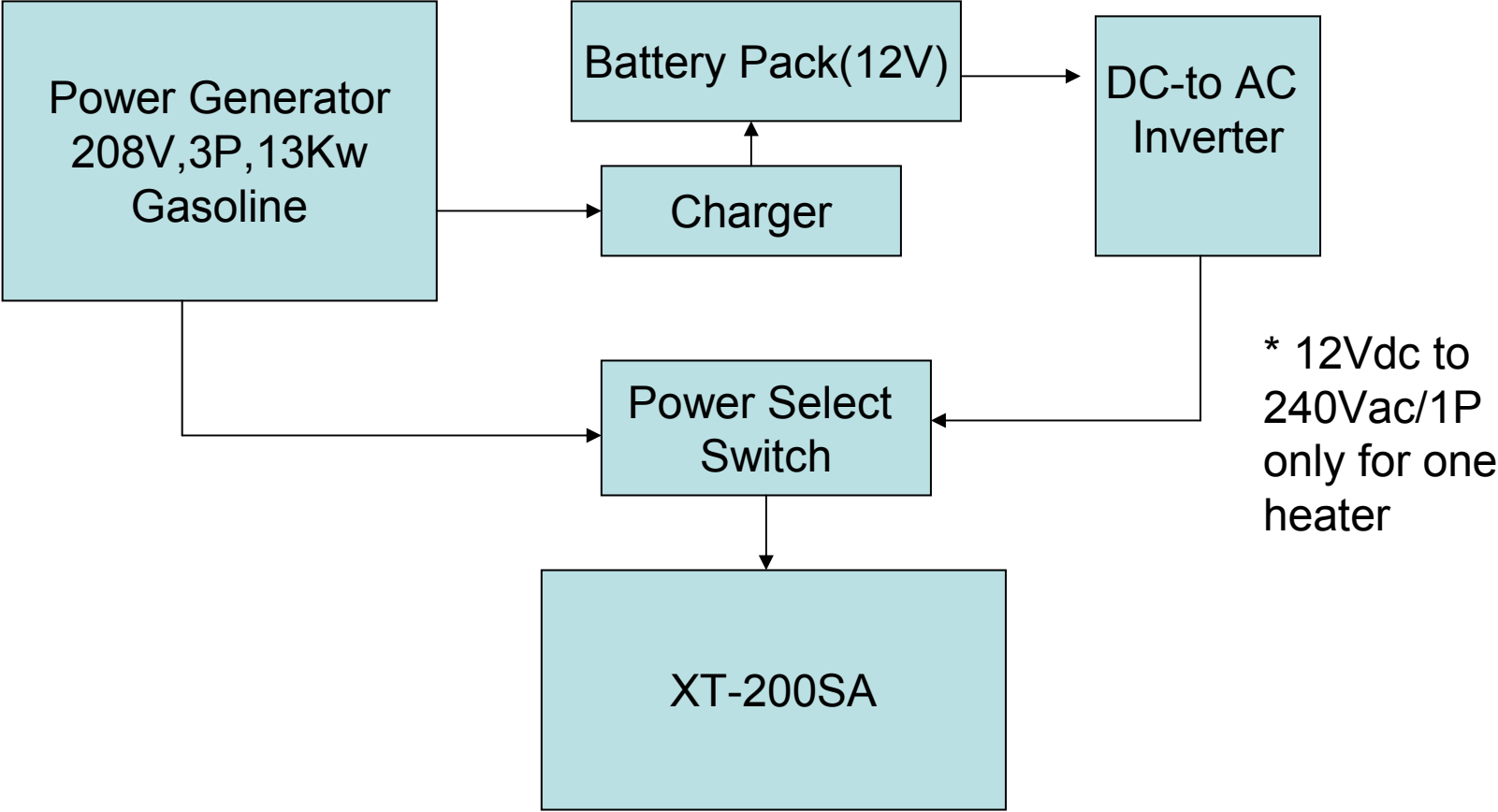
- Trailer with enclosure
- Self-powered
- Pre-heating for the heater in transition
- Capacity(Volume)  
more than 200 lbs/hr  
Markham need the machine 1-2 day/week
- Weather condition  
Material should be dry
- How to deal with other material like paper, steal, tires, textile, electronics?

# EPS densifier

- XT-200SA
  - Power:220V,3P,13.4Kw  
(Heater 800w x 3)
  - Capacity:200lbs/hr
  - Dimension  
47”(W) x 43”(D)x 65”(H),  
3’11” x 3’7” x 5’5”  
1675 lbs
  - The width of the crusher  
entrance is 25”.
  - Compliant with CAN/CSA-  
C22.2 No. 68-92 + G11 +  
G12(R2004)

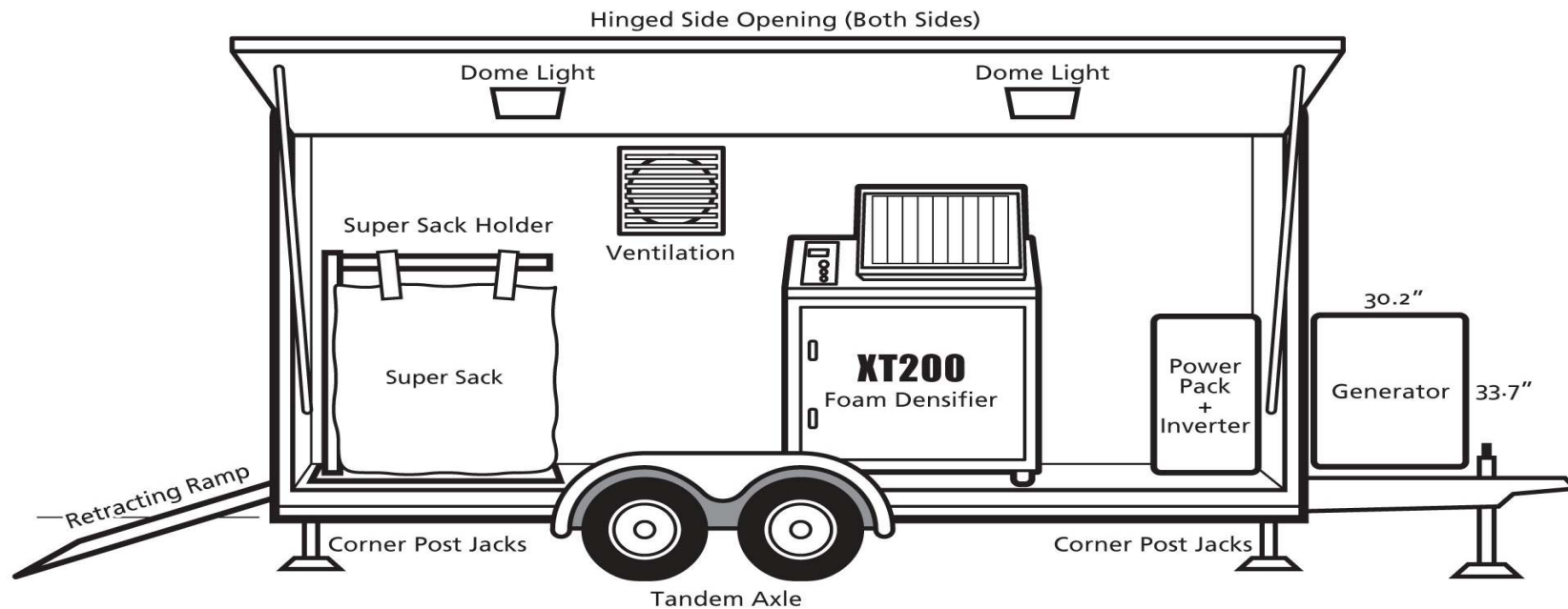


# Electric



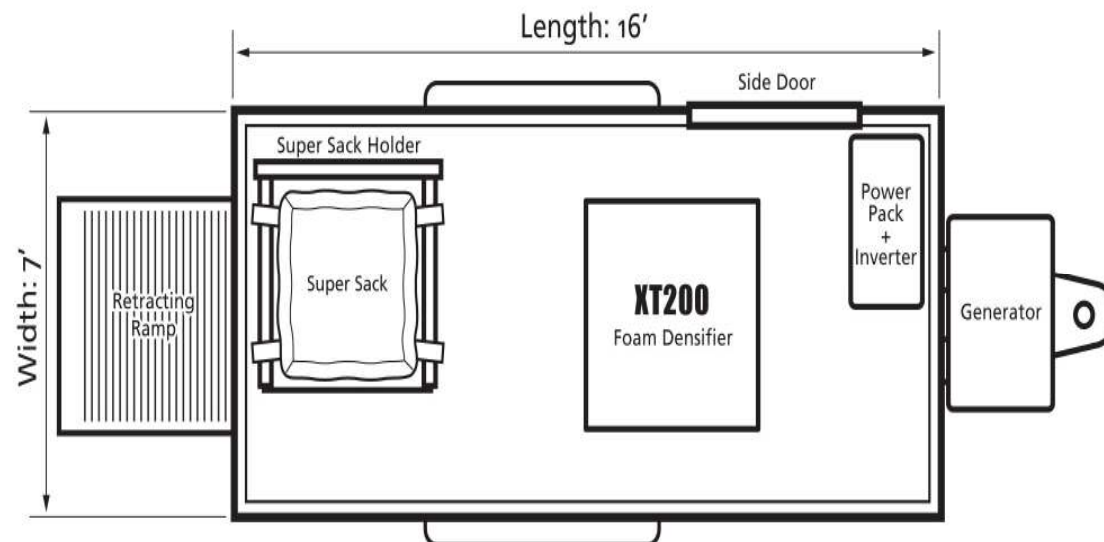
# Trailer

- Enclosed
- 7'(W) x 16'(L)x7.5'(H)
- Awning door at both sides



# Trailer

- Retracting ramp
- One side door
- Ventilation hole for the battery inside
- Space for the ingot and other material



# Trailer

- Cargo capacity of the tandem trailer  
5630 lbs

Component	Weight	
Power Generator	315	
Battery Pack(6Vx2)	132	
Inverter	20	
XT-200SA	1675	
ingot	1200	
Case,etc	200	
Total	3542	
Extra room	2088	

# Using in-house electricity



- Unload the machine and hook it up to the in-house electricity.
- Load/unload using the winch



# Using the conveyor

- To increase the capacity
- Low profile conveyor
- Equipped with the machine or on the site

