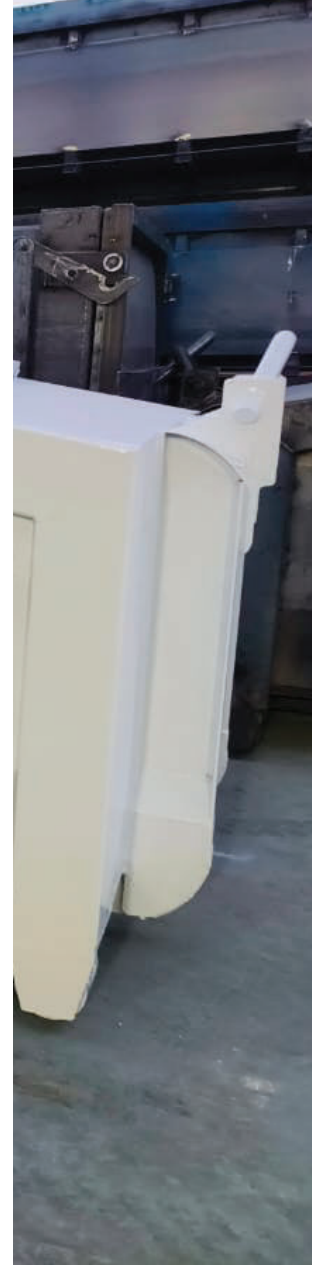
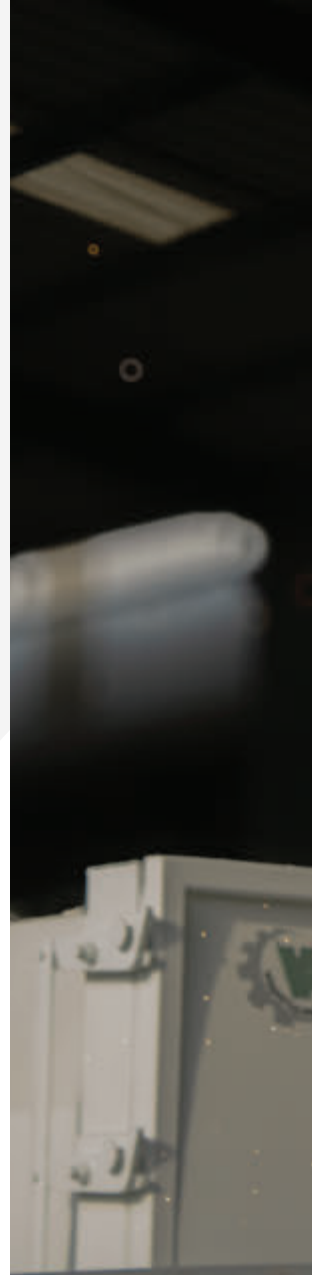




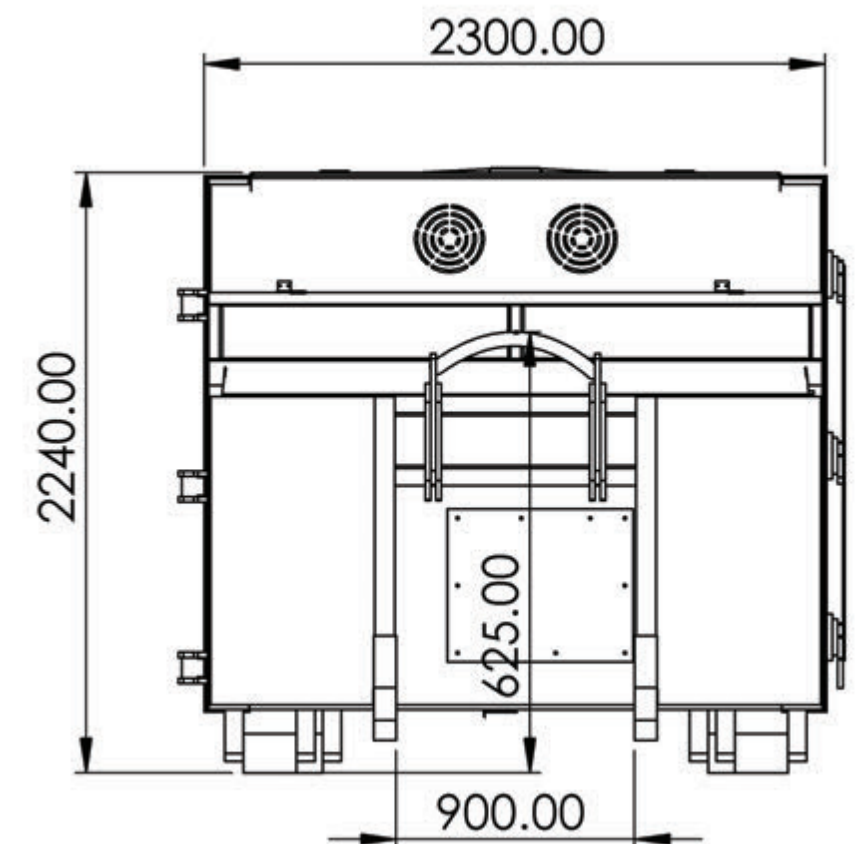
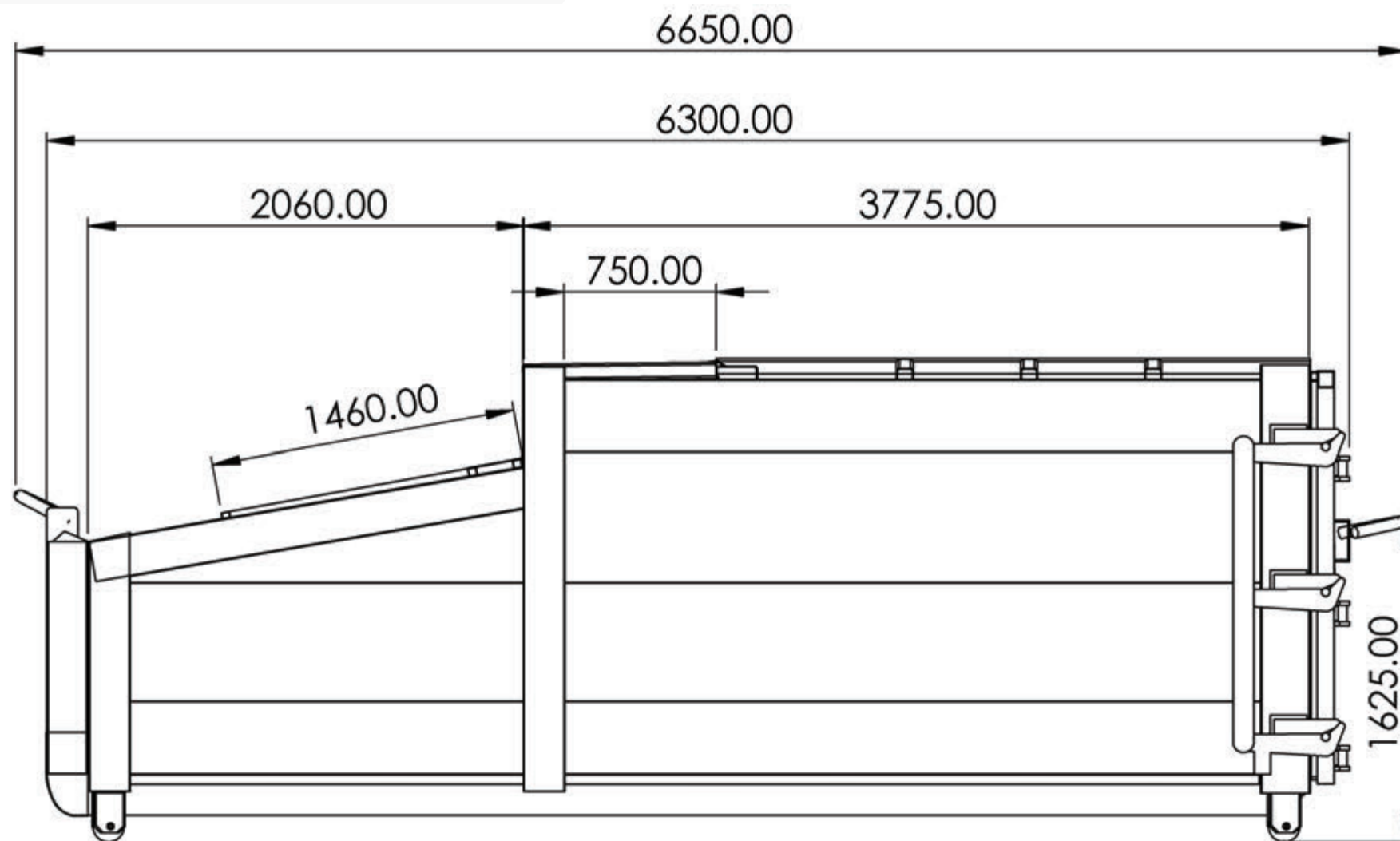
Wasaet Al-Naqil Factory for Metal Industries

شركة مصنع وسائط النقل للمنتجات المعدنية

ضغط 20 ياردة | HORIZONTAL WASTE COMPACTOR

HORIZONTAL WASTE COMPACTOR

Horizontal waste compactor designed for intensive duty, equipped with advanced safety interlocks and high-capacity compaction to minimize overflow. It preserves the site's civilized appearance by enclosing waste, reducing visual clutter, and controlling odors.



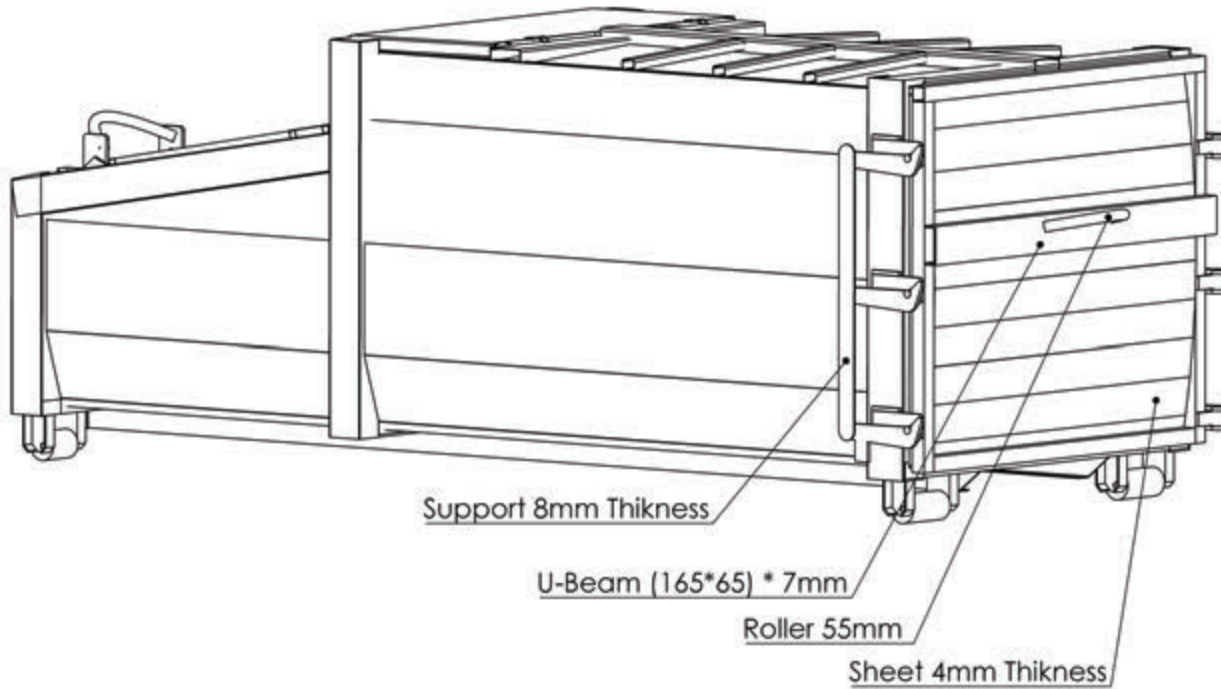
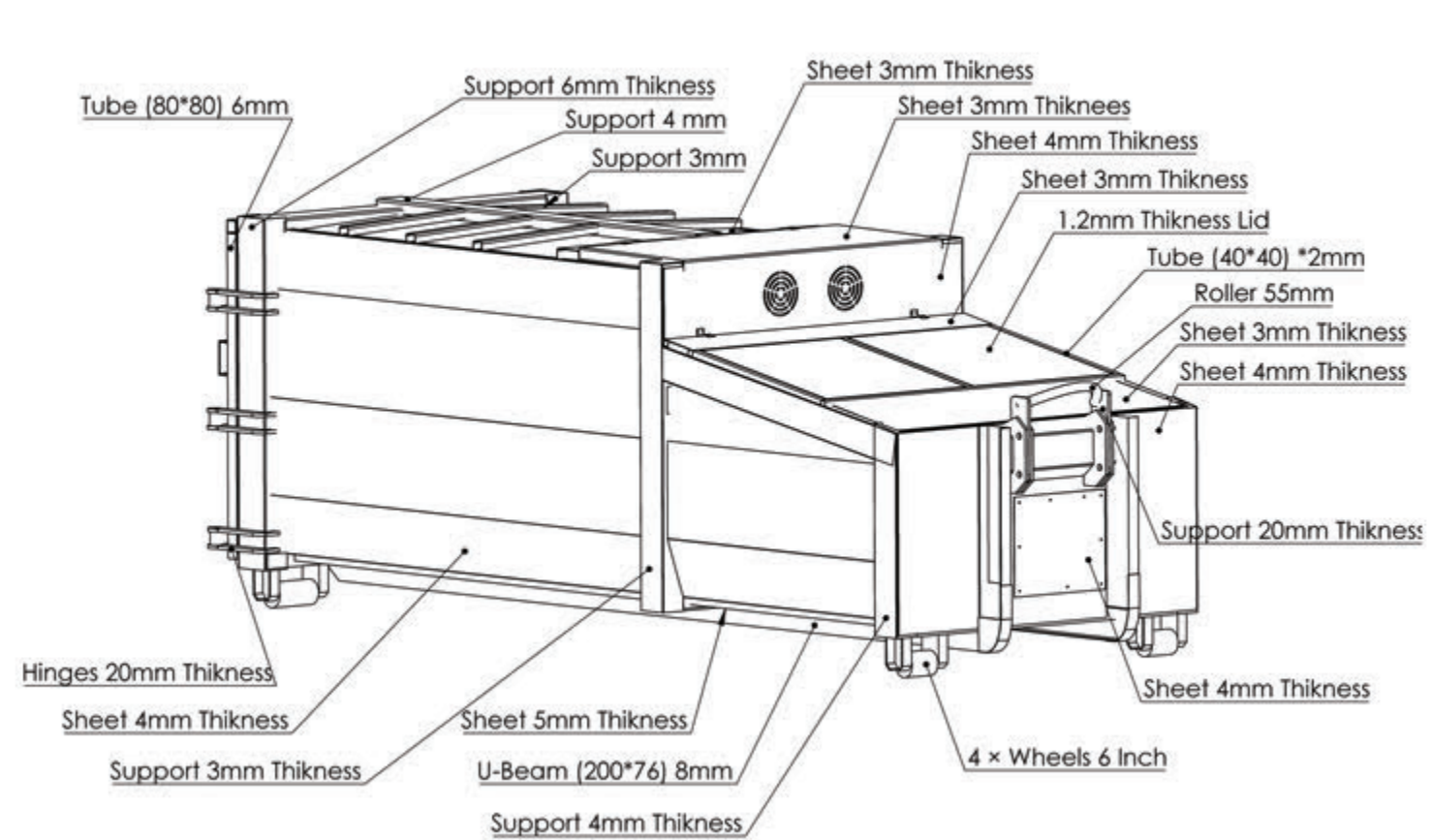
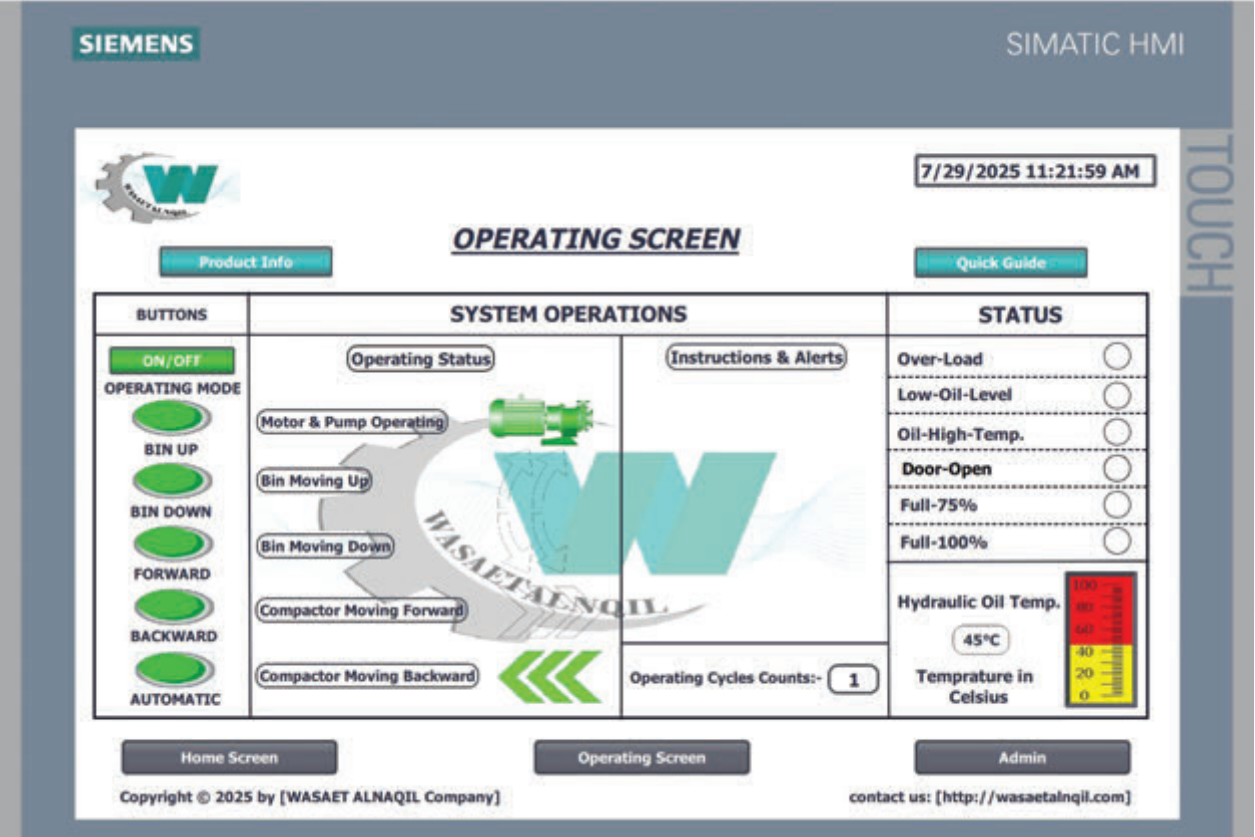
Technical Specifications		
Section	Parameter	Description
General specifications	Equipment type	Horizontal waste compactor movable
	capacity	20 y ³
	Waste type	General waste
	Loading / handling movement	Hook-lift
		4 pcs wheels – Ø6 inch
	Weight (empty)	5 ton (±2%)
Dimensions (page 4)	overall dimensions (mm)	6250*2300*2240 mm
	Throwing area (mm)	2300*1350 mm
	Hopper capacity (m ³)	4 y ³
	waste per compaction cycle (m ³)	2.5 to 3 m ³
	Waste collecting chamber (m ³)	20 y ³
Mechanical & structure	Chassis (mm)	U-beam (200*76*9) mm + U-beam (100*50*5mm)
	Body sheets (mm)	floor (5) mm + sides (4) mm + top (3) mm
	Side supports (mm)	Bent plate (6) mm
	Top supports (mm)	U-beam (100*50*4) mm
	Loading hook (mm)	55 mm
	Throwing door (mm)	Sheet (3)mm + tube support (40*40*3) mm
	Throwing door opening	(2) cylinder gas spring + (1) spring 8 mm
	emptying door (mm)	Sheet (4) mm + tube support (80*80*6) mm
	Hinges and lock system (mm)	Sheet 20 mm
	Compaction ram movement	The compaction ram moves on Teflon-lined guide rails
	Emptying door sealing	Double rubber sealing + (1) tension locks for tight sealing closure + (4) extra locks
	discharge valve (Ø)	Brass valve 1.5 inch
	Noise level (dB)	70 dB (dis. < 1 meter)



Hydraulic system	Working pressure (bar)	Normal operating pressure 140 bar
	solenoid Valves	Solenoid Directional Valve (315bar max P.A.B) (210bar max. T) max flow 80L/min
	Gear pump	gear pump 16 L up to 250 bar
	Oil tank (L)	100 L + Oil level gauge
	Hydraulic oil grade	AW68
	Compaction ratio	(5:1) depends on waste type
	Compaction cycle time (sec.)	30 sec
	Main components brand	Parker or Rexroth
	Other accessories	Check-safety valves / pressure gauge / oil-filter
Electrical system	Power supply	3-Phase, 380V, 60Hz (or as required)
	Power socket	5-pin industrial plug (3P+N+ PE) / IP67
	Motor power (kW)	7.5 kW 50/60HZ
	Control box (mm)	(500*400*200) mm / IP66
	Power source safety	Over-under voltage + phase sequence + MCCB
	Control circuit power	230 VAC / 24 VDC
	Control system	PLC SIEMENS S7-1200
	sensors	Oil level + over-load + (2) fullness (50% - 100%)
	Operating panel	IP 65
		Emergency switch / (2 pcs) each side
		Start / Stop push buttons
		power on indicator
		overload indicator
		75% indicator
		100% indicator
		low oil level indicator
	safety	Auto shutdown in case (overload - power failure – 100% fullness – low oil)
	Operating Data Logging	store operating data, including number of operating cycles, number of full-level events (75% and 100%), and a complete alarm/fault history log with date/time stamps.
	Components brand	ABB or SIEMENS or SCHNIEDER
Painting & labels	internal	Acid-resistant epoxy (2 coats)
	External	Anti-rust (2 coats) + final paint (2 coats)
	labels	Safety instruction stickers / warning labels
	Customer branding	Customer logo + contact numbers



Services & warranty	Testing	FAT/SAT checklist + functional & safety tests
	Warranty	12 months
	Warranty services	Available locally / Lead time 24 hours on-site preventive visits every 3 months
	certificates	ISO 14001:2015 / ISO 45001:2018 / ISO-9001:2015 / (Saudi-made)
Optional / additional charges	Mechanical	Waste lifting mechanism UP TO 1 TON 1100L Container lifting mechanism
	Electrical	Automatic electrical source 220&380 Wireless Remote controller Oil temperature HMI (Human machine interface) IOT (internet of things)





 Customer Support: +966552778146

 Sales: +966552513466

 Tel: +966 11 4997060

 Fax: +966 11 4997050

 Website: www.wasaetalnqil.com

 Email: info@wasaetalnqil.com