EQUIPMENT SPECIFICATIONS

The summarized specifications of subject telestacker are as below.
(Our current parameters are based on the plan drawing, and the actual data shall prevail on the production drawings)

Capacity		3125t/h
Material		Marine sand and reclamation
Bulk Density		1.85 t/m3
Max. Lump Size		50mm
Belt Conveyor	Belt Width	1400mm
	Belt Speed	2.5m/s
	Belt Type	EP200x5
	Cover Thickness	6+3mm
Boom Luffing	Cylinders	2*400kN
	Luffing Angle	5° ~+18°
	Luffing Time	~3.5min
Gantry	Wheel Diameter	1060mm
	Max Wheel Load	9t
	No. of Wheel	8 Front /4 Rear
	Travelling Speed	~12r/min
Extendable Boom System	Type	Pulley—cable
	Drum Dia.	400mm
	Speed	~10m/min
Head Chute	Total Length	8m
Power		~300KW

No.	Item	Power(kW)	Qty	Total power(kW)	Remark
1	Inner boom belt drive	55	2	110	Variable frequency
2	Outer boom belt drive	55	2	110	Variable frequency
3	Boom expansion mechanism	7.5	2	15	Variable frequency
4	Chute expansion	7.5	1	7.5	Variable frequency
5	Gantry drive	5.5	6	33	Variable frequency
6	Gantry rotation	3	6	18	Variable frequency
7	Hydraulic	30	1	30	
Total Power				323.5	kW