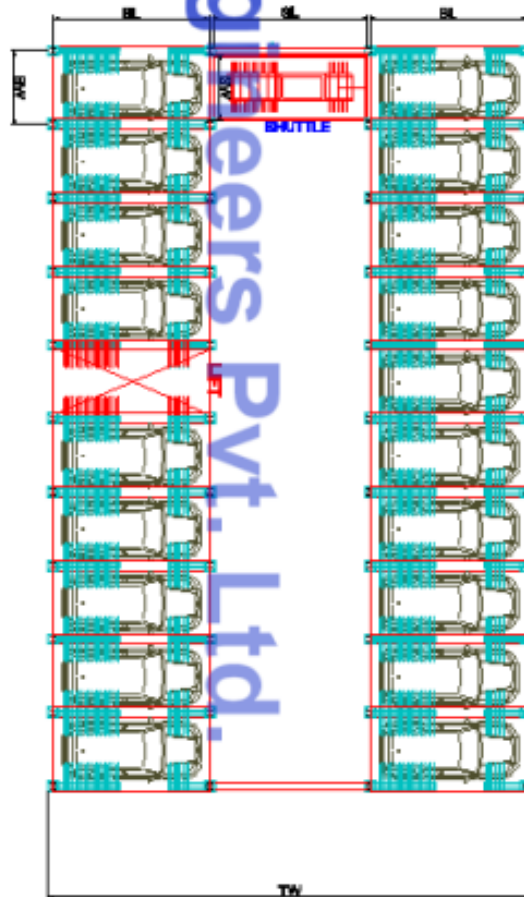


OPTION-1



OPTION-2

TECHNICAL SPECIFICATION OF SS (SHUTTLE STACKER) PARKING SYSTEM

Type	SS (Shuttle Stacker) Parking system
Variants	<ol style="list-style-type: none"> 1. Left- Right Parking 2. Front- Back Parking
Mode of operation	Electric Drive –Pin Type / Pallet Type Loading & Unloading
Loading Capacity (Kgs)	Up to 3000 Kg / Bay
Speed Details	<p>For Lift: Up to 50 m/min</p> <p>For Traverse Pallets : Up to 25 m/min.</p>
Motors & Drives	<p>Motors: SWE Motor with SEW Gear Box</p> <p>Drives : Siemens / Mitsubishi</p>
Sped of Motor (RPM)	1140 RPM
Interface	PLC with SCADA & HMI Interface
No. Levels	2 Levels to 15 Levels
No. Entries / Exits	<p>2 To 6.</p> <p>We usually recommend 20 to 26 cars / Lift</p>
Structural Materials	IS2062 (Mild Steel). Brand : Tata Structural / Jindal / SAIL
Lifting Guide Rope	6x36 Construction FMC Wire Rope. Brand M/s. Usha Martin
Lifting guide Rollers	EN9 as per BIS Standard
Bearings	SKF / Any international Standard*
Lift Locking Mechanism	Hydraulic Lock / Electro Mechanical Lock
Painting	<ol style="list-style-type: none"> 1. Rust Proof Coating – 1 Coat 2. Epoxy Coating – 1 Coat 3. Synthetic Enamel Paint – 2 Coats
Client Scope	
	<ol style="list-style-type: none"> 1. 3 Phase power Supply 2. Civil Foundation to suit the car Load 3. Firefighting system (If Req.)

TECHNICAL SPECIFICATION OF SS (SHUTTLE STACKER) PARKING SYSTEM

Dimensions (mm)

All Dimensions are in mm

PD = Pit Depth = 750

TPD=Total Pit Depth = 1500

PIN TYPE SS PARKING – SUV CARS			
	DESCRIPTION	OPTION-1	OPTION-2
BL	Bay Length	5500	5500
BW	Bay Width	2500	2500
BH	Bay Height	2600	2600
GFH	Ground Floor Height	3000	3000
No. LEVELS	No. of Levels	Up To 10	Up To 10
SL	Shuttle Length	5300	5300
SW	Shuttle width	3200	2250
TW	TOTAL WIDTH	8300	16500
LH	LIFT HEIGHT	2500	2500
LW	LIFT WIDTH	---	2300
PIT SIZE (Length X Breadth)		9000 x 6000	26000 X 6000

OPTION-1: LEFT – RIGHT PARKING, OPTION-2: FRONT – BACK PARKING

PALLET TYPE SS PARKING – SUV CARS			
	DESCRIPTION	OPTION-1	OPTION-2
BL	Bay Length	5500	5500
BW	Bay Width	2500	2500
BH	Bay Height	2600	2100
GFH	Ground Floor Height	3000	3000
No. LEVELS	No. of Levels	Up To 10	Up To 10
SL	Shuttle Length	5300	5250
SW	Shuttle width	3200	2210
TW	TOTAL WIDTH	8300	1500
LH	LIFT HEIGHT	2500	2500
LW	LIFT WIDTH	---	2300
PIT SIZE (L X B)		9000 x 6000	26000 X 6000