1 Morphology chart

Functions	1	2	3	4	5
Navigation system	Lines on the floor	GPS location + pallet detection	Preprogrammed map	Sensor fusion (IMU + GPS)	Bluetooth RTLS
Micro controller / processor	Arduino nano	STM32xx	RaspberryPi	Option 4	Option 5
Pallet recognition	Option 1	Option 2	Option 3	Option 4	Option 5
Coding standard	Option 1	Option 2	Option 3	Option 4	Option 5
Mast Stage	Simplex	Duplex	Triplex	Quadriplex	
Lift solution	Linear Actuator	L.A + RollerChain	Threaded Rod	String&Bearing	Rack&Pineon
Lifting sensing	End stops Top&Down	Encoder	Stepper Motors	Option 4	Option 5
Motors	Option 1	Option 2	Option 3	Option 4	Option 5
Sensors Fork	Pressure (Weight)	Pallet recognition	Option 3	Option 4	Option 5
Sensors Body	Ultrasonic Distance HC-SR04	Infrared Distance	LiDAR	Optical Sensors	Option 5
Sensors x	Option 1	Option 2	Option 3	Option 4	Option 5

* Green cells indicates chosen option.