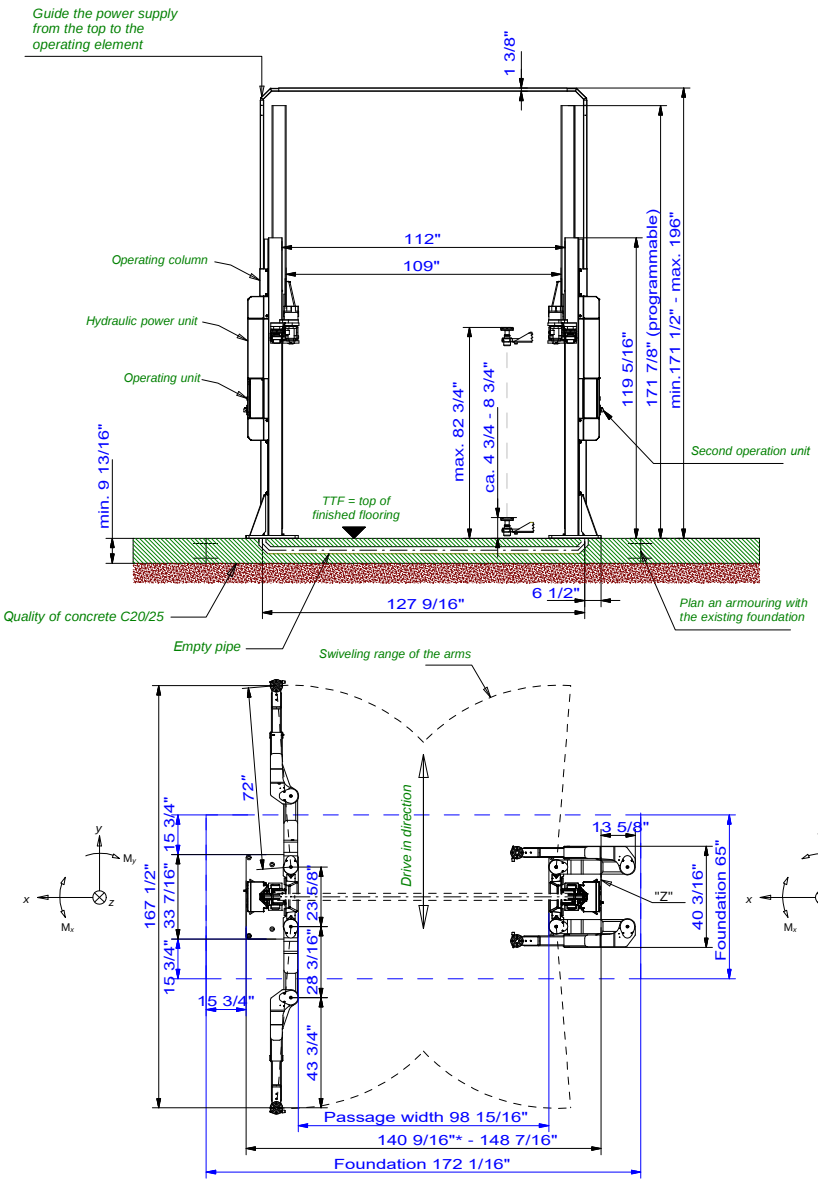
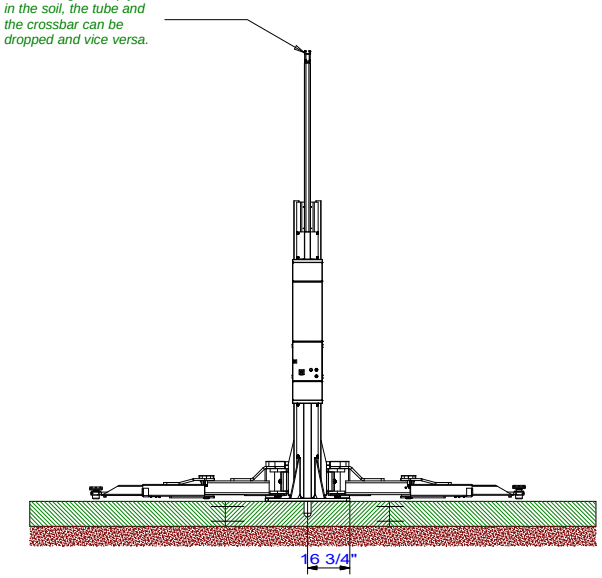
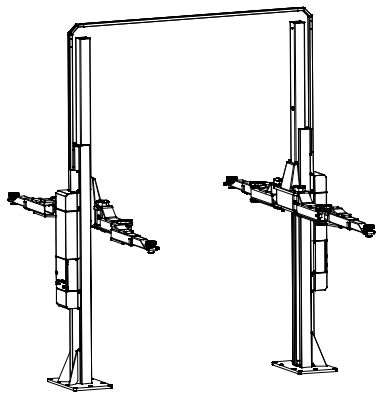


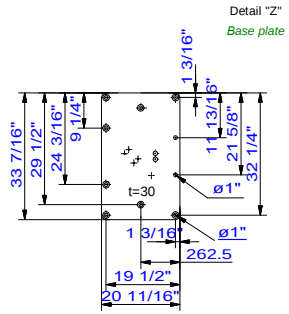




We point out the minimum requirement of the foundation in our plans. The condition of the specific local situation (for example: ground under the foundation) does not lie our responsibility. The installation situation must be individually specified from the planning architect or structural engineer.
This means that there is a commitment on site of the foundaton (foundation size, thickness, reinforcement ...) taking into account the acting cut sizes and anchoring operations must take place.

Prepared by customer at the operating column:
power supply: 1PH,N+PE,230V,60Hz
motor power: 2x 3kW
fuse: 30 Ampere, time lag
air pressure for pneumatic arms: inner diameter 1/4" 6-10bar

for optional energy set:
power supply (not connected to control unit)
power supply depends on the country



Recommendations for dowels can be found in the manual.

Observe the min. anchorage of the dowels. With floor pavements use longer dowels.

Observe the regulation of the dowel manufacturer.

max. static forces and momentuns per column:
F_z = 38,8 kN
M_x = ± 47,2 kNm
M_y = + 31,7 kNm
dynamic factor c = 1,151
max. allowed load distribution of the car:
1:3 or 3:1 (DIN EN 1493:2022)

* Recommended installation width. An installation width up to 140 9/16" is possible without reducing the rated load capacity. Hydraulic hoses or cables must be extended accordingly

All dimensions in inch
Dimensions and design changes reserved!

275HDL00002 (3D CAD-Modell)				Projektionsmethode 1 ISO 5456-2		
-	-	-	-		Date	Name
-	-	-	-	Bearb.	04.01.2024	MH
-	-	-	-	Gepr.		
-	-	-	-	Notes: Capacity: 18,000 lb		
-	-	-	-			
-	-	-	-			
-	-	-	-			
ind.	Modification	Date	Name			

Designation

HDL 18 SST DG

Double jointed arms pneumatically unlockable

Drawing number

9527_NB_USA