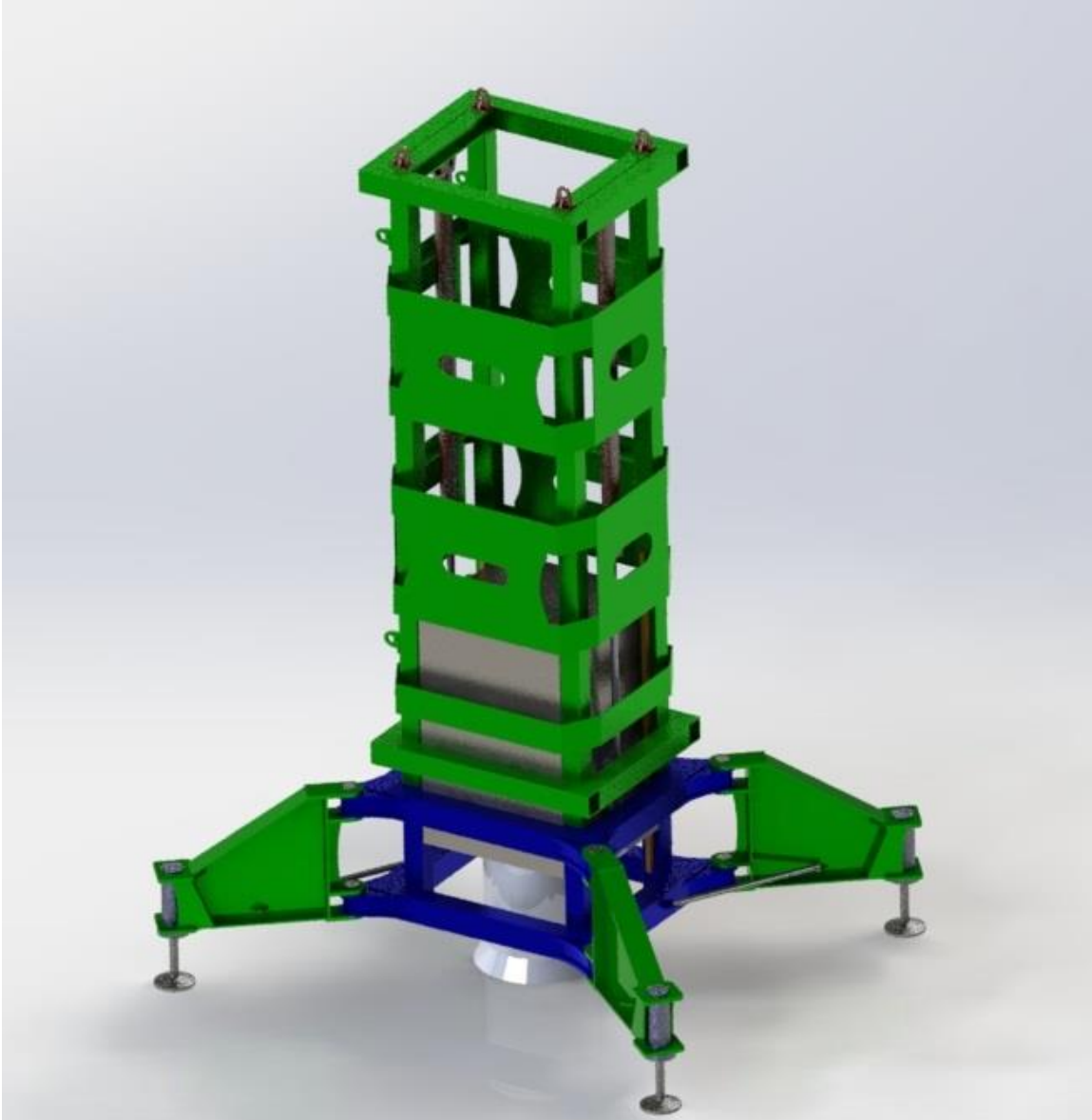


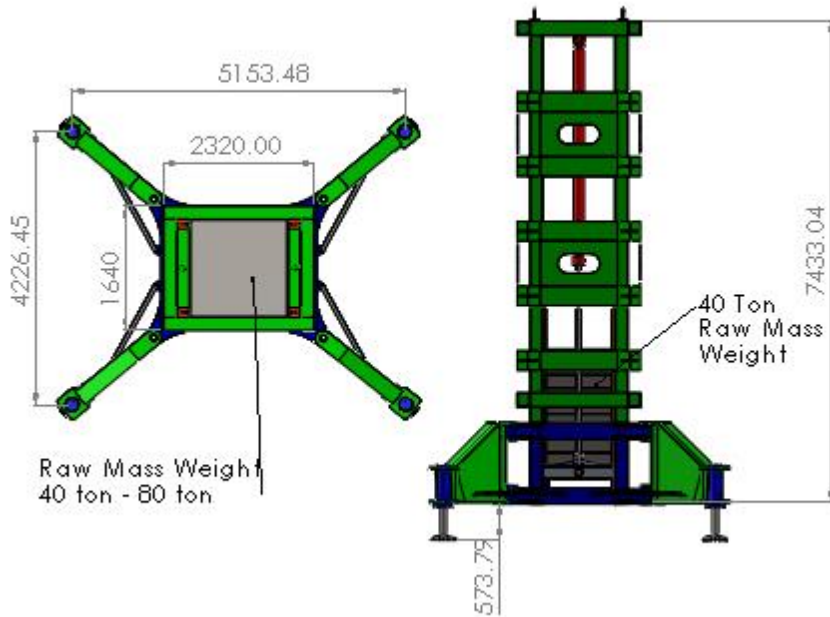
PDA - Dynamic Load Test



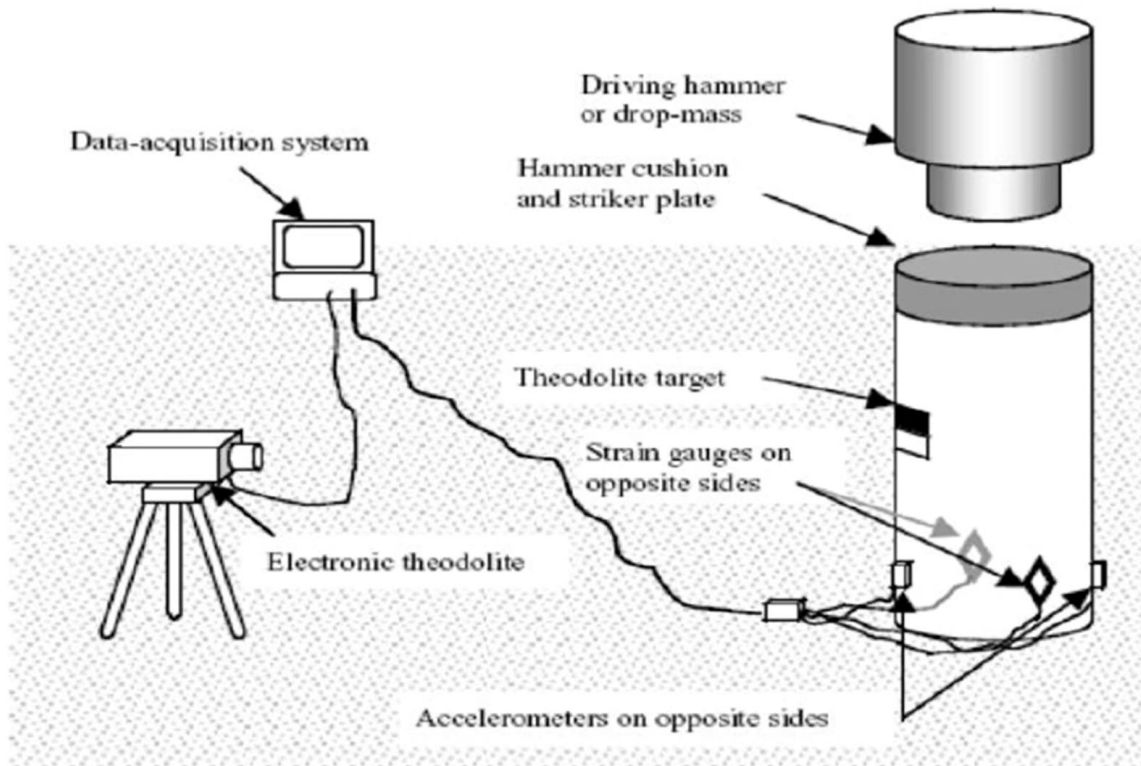
The SHR 80 T Pile Load Tester Equipment is design for testing the capacity, integrity and installation method of pile. The equipment is design to upload the raw weight about 80 – 100 Ton and two vertical hydraulic cylinder running stroke about 3 m L.

The SHR 80 T is designed with three separate section structures that can be dismantle and install easily. The separate structure can be up load to lorry for transportation. Those section structures are equipped with lifting lugs and can be lifted up by mobile crane.

The dimension of the Dynamic Load Tester.



We designed the PDA (Dynamic Load Testing) complete with Hydraulic Power Pack system. An efficient power pack will supply hydraulic force to lift up the load to designated height and release the load immediately. Raw weight will drop freely and hit impact to the hammer cap. The result of the force impact will be recorded.



Note: Picture taken from internet.

The detail of the PDA

No	Model	Unit	SHR 80 T
1	Pressure	Bar	280
2	Max Flow rate	Liter/ min	150
3	No of Hydraulic Cylinder Lift up raw weight	unit	2
4	Hydraulic Cylinder Stroke	mm	3000
5	No of Stand Cylinders	unit	4
6	Stand Hydraulic Cylinder Stroke	mm	574
10	Machine Over size	mm	4226 mm W x 5154 mm L x 7433 mm H
11	Total Weight of Machine (for 40 ton raw weight)	Ton	54



Photo: Dynamic Load Test at Construction Site