

Bi-Directional Pile Load Test
BEST OF THE BEST SYSTEM

OJACK360

OJACK360 TYPE B

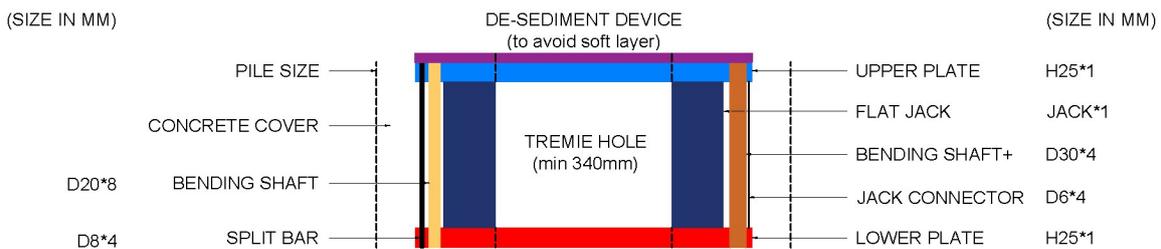
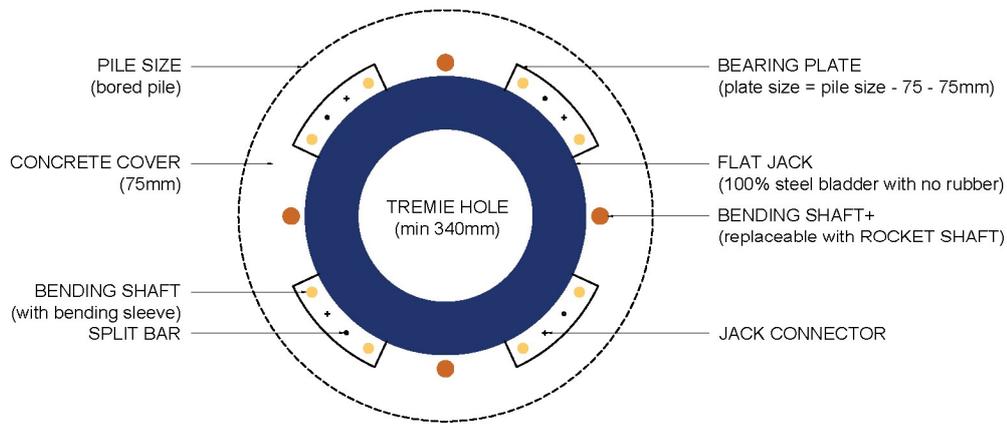


BI-DIRECTIONAL PILE LOAD TEST SYSTEM FOR CAST BORED PILES

FLATJACK MODEL	DN540	DN665L	DN665	DN825L	DN825
FLATJACK DIAMETER, MM	540	665	665	825	825
FLATJACK STROKE, MM	110	110	110	110	110
NOMINAL FORCE IN F(1D), KN	2,700	4,300	7,100	8,600	11,000
FLATJACK QUANTITY, NOS	1	1	1	1	1
FLATJACK CAPACITY IN F(BD), KN	5,400	8,600	14,200	17,200	22,000
PILE SIZE ≥ BP800, MM	✓				
PILE SIZE ≥ BP900, MM	✓				
PILE SIZE ≥ BP1000, MM	✓	✓	✓		
PILE SIZE ≥ BP1100, MM	✓	✓	✓	✓	✓
PILE SIZE ≥ BP1200, MM	✓	✓	✓	✓	✓



OJACK360 Type B Installer Competency: OJACK360 Installer, Competency Level L2 and above
 OJACK360 Type B Tester Competency: Pile Test Engineer, Competency Level L3 and above



K. LUMPUR

OJACK360 TYPE C

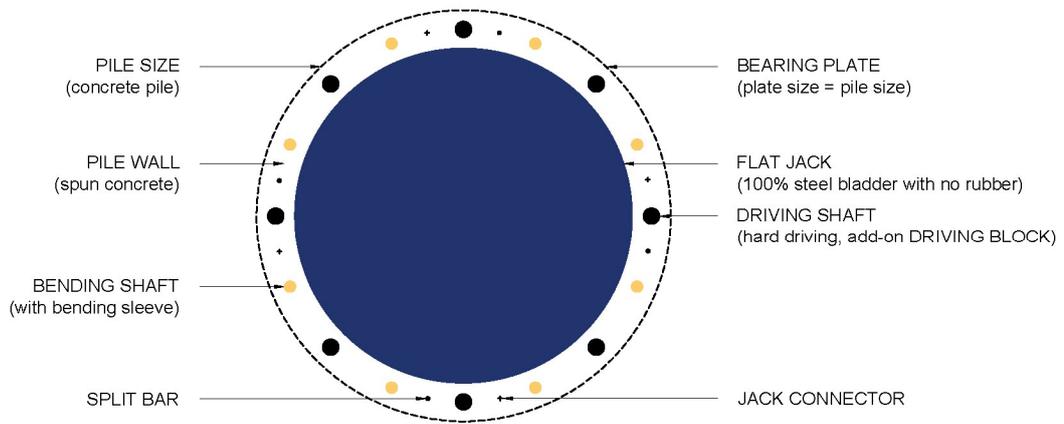


BI-DIRECTIONAL PILE LOAD TEST SYSTEM FOR PRECAST CONCRETE PILES

FLATJACK MODEL	3D325	5D340	3D425	5D440	DN665
FLATJACK DIAMETER, MM	325	340	425	440	665
FLATJACK STROKE, MM	110	110	110	110	110
NOMINAL FORCE IN F(1D), KN	2,300	2,950	3,900	5,000	7,100
FLATJACK QUANTITY, NOS	1	1	1	1	1
FLATJACK CAPACITY IN F(BD), KN	4,600	5,900	7,800	10,000	14,200
PILE SIZE ≥ SC400, MM	✓				
PILE SIZE ≥ SC500, MM	✓	✓			
PILE SIZE ≥ SC600, MM	✓	✓	✓		
PILE SIZE ≥ SC700, MM	✓	✓	✓	✓	
PILE SIZE ≥ SC800, MM	✓	✓	✓	✓	✓



OJACK360 Type C Installer Competency: OJACK360 Installer, Competency Level L3 and above
 OJACK360 Type C Tester Competency: Pile Test Engineer, Competency Level L3 and above



(SIZE IN MM)



(SIZE IN MM)



OJACK360 is a hardware system that measures the load-displacement of a pile when loaded in bi-directional static axial compressive loads using an embedded bi-directional jack assembly. The keyword 360 represents a comprehensive jack system designed to be used on cast bored piles and precast concrete piles.

OJACK360



Patented Technology 2010

Best bi-directional system with new patent in hydraulic jack design, FLATjack, 100% steel bladder with no rubber



Patented Technology 2018

QSDAP, patented software to analyze bi-directional results accurately (load-settlement displacement analysis program)



Best of the Best 2022

Best of the best system empowered by patented FLATjack, QSDAP, ROCKETshaft, i.e. 360 comprehensive system



Patented bi-directional system to test on driven precast concrete pile and offshore steel pile

Patented Technology 2014



ROCKETshaft, patented hardware to recover lateral load after bi-directional pile load test at split level

Patented Technology 2022