

Bi-Directional Pile Load Test
BEST OF THE BEST SYSTEM

OJACK360

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OJACK360 TYPE B

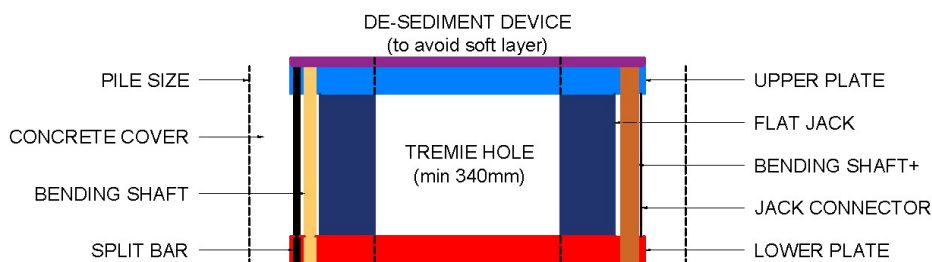
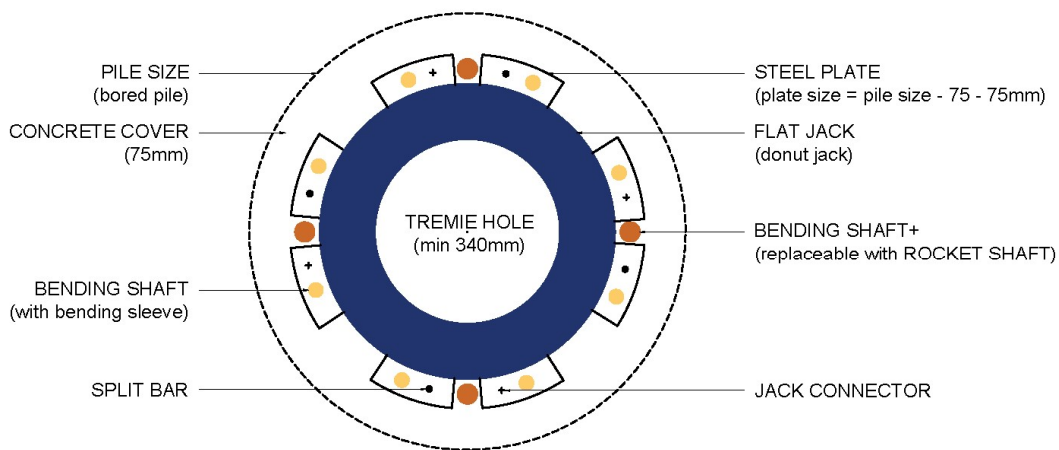


BI-DIRECTIONAL PILE LOAD TEST SYSTEM FOR CAST BORED PILES

FLATJACK MODEL	DN540	DN665L	DN665	DN825L	DN825
FLATJACK DIAMETER, MM	540	665	665	825	825
NOMINAL FORCE IN F(1D), KN	2,700	4,300	7,100	8,500	11,000
FLATJACK QUANTITY, NOS	1	1	1	1	1
FLATJACK CAPACITY IN F(BD), KN	5,400	8,600	14,200	17,000	22,000
PILE SIZE \geq BP800, MM	✓				
PILE SIZE \geq BP900, MM	✓				
PILE SIZE \geq BP1000, MM	✓	✓	✓		
PILE SIZE \geq BP1100, MM	✓	✓	✓	✓	✓
PILE SIZE \geq 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



OJACK360 TYPE C

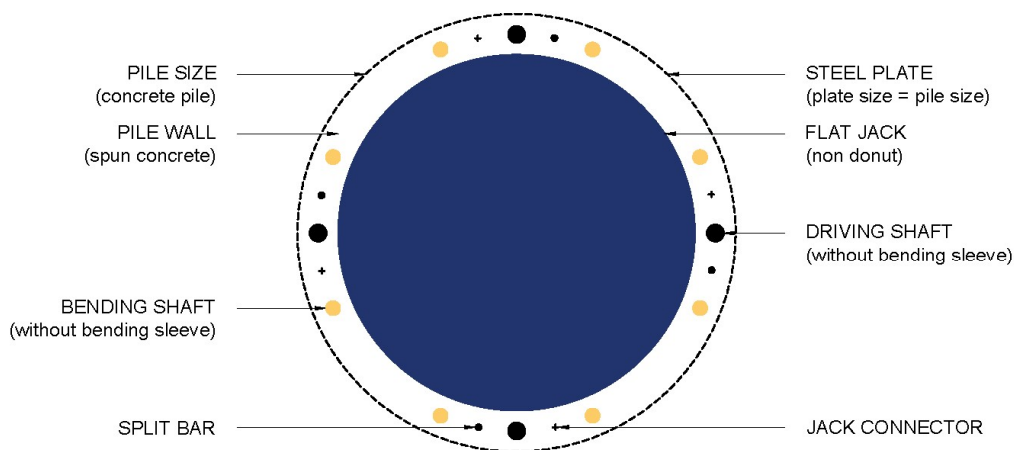


BI-DIRECTIONAL PILE LOAD TEST SYSTEM FOR PRECAST CONCRETE PILES

FLATJACK MODEL	3D325	5D340	3D425	5D440	DN665
FLATJACK DIAMETER, MM	325	340	425	440	665
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



OJACK360 is a hardware system to measure load-displacement of a pile when loaded in bi-directional static axial compressive loads with using an embedded bi-directional jack assembly. The keyword of 360 is comprehensive jack system to be applied on cast bored pile 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 Technology 2014

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



Patented Technology 2022

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