

# YJACK



**THINK YJACK  
THINK PILETEST**

World's Patented Innovative  
Pile Test Method

YJACK DRY



# ACCREDITATION CERTIFICATES



CIDB Competency 4\*Star Rating



SME Competitiveness 4\*Star Rating



CREAM Accreditation (driven piles)



JKR+LLM Accreditation (bored piles)

# INTERNATIONAL AWARDS



ITEX International Invention Award



Global Cleantech Innovation Award



Hong Kong CIC Innovation Award



STAR Outstanding Business Award



Malaysian Enterprise 50 Award



Malaysian Construction Excellence



Malaysian Productivity Champion



SIRIM S12TE Invention Award



US | China | India | Malaysia | Singapore | Indonesia & World's Patent



# WORLD'S PATENTED INNOVATIVE PILE TESTING

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**YJACK**

World's leading pile testing specialists  
Having over 30 years of experience in pile testing



YJACK is world's patented technology  
South East Asia, US, China, India & world countries



YJACK is National Mark of Malaysian Brand  
BMC 00237, Accredited by SME Corp and SIRIM QAS



YJACK is ISO 9001 certified company  
ISO 9001 UKAS 5965



YJACK is validated by CREAM on concrete piles  
<http://www.cream.my/main/index.php/publication/technical-opinion-report>



YJACK is validated by JKR on bored piles  
<https://jmal.jkr.gov.my/rmal/index.php?r=barang/view&id=2298>





## VISION

To provide the best pile test to the world market.



## MISSION

To replace conventional static pile load test method.



# OUR COMPANY

YJACK, Malaysian Brand, World Patents, The World's Best Pile Load Test.

YJACK Technology is an independent, competent and professional company offering pile testing services ranging from static, dynamic to imaging pile testing.

Our world patented Malaysian Brand innovative pile test method, YJACK Bi-Directional Pile Load Test, caters from small loading driven reinforced concrete piles to large loading cast in-situ bored piles.

As the Malaysian innovative technology, we sought validation tests with Malaysian construction authorities:

- YJACK Validated by CREAM (Construction Research Institute Malaysia), for YJACK on concrete piles
- YJACK Validated by PWD/JKR (Public Works Department/Jabatan Kerja Raya), for YJACK on bored piles

With technology validations with high results accuracies and various international awards, we obtained the following accreditations:

- SME Competitiveness SCORE Rating 4\*STAR, accredited by SME Corp, Malaysia
- CIDB Competency SCORE Rating 4\*STAR, accredited by Construction Industry Development Board

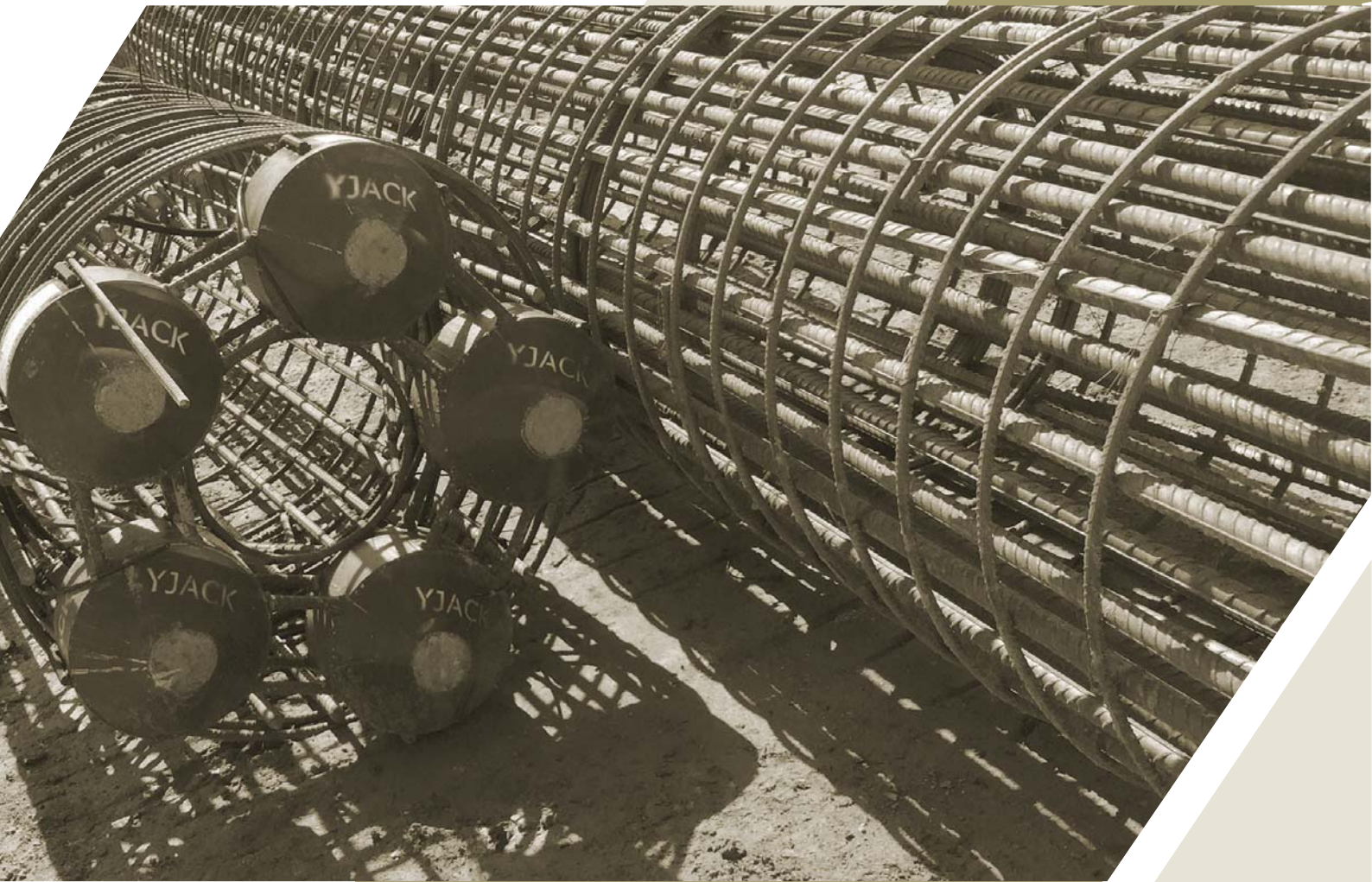
Our trained and experienced technical teams are committed to providing prompt and quality services. We are conscientious in our works and always committed to serve you. We look forward to meeting your every need in pile testing.



# YJACK PROVIDES THE MOST RELIABLE AND COST- EFFECTIVE PILE TESTING TO THE WORLD MARKET









Static Compressive  
Pile Load Test  
(SCPLT)



Tube Wave  
Pile Integrity Test  
(TWPIT)



Ultra Sonic  
Pile Integrity Test  
(USPIT)



Bi-Directional  
Pile Load Test  
(BDPLT)



Pile Instrumentation  
Pile Load Test  
(PIPLT)



Concrete Coring  
Pile Integrity Test  
(CCPIT)



Low Strain  
Pile Integrity Test  
(LSPIT)



High Strain  
Pile Load Test  
(HSPLT)



Concrete Coring  
Pile Integrity Test  
(CCPIT)



Hole Profiling Pile  
Imaging Test  
(HPPIT)

YJACK Technology vast experience and in-depth expertise have placed us in the forefront of cutting-edge pile test method, locally and regionally.

We have raised the bar in fulfilling quality requirements, excellent resources and innovative solutions for our partners in the construction field while offering prompt and responsive professional service support.

YJACK Technology Sdn Bhd is the leading new-edge company offering comprehensive pile testing services and technology. Our pile test methods include:





# COMPANY SERVICES

# TYPE OF JACK

AutoYJACK, is installed with wireless connections for deep marine piles.

A

YJACK Type B is designed for cast in-situ bored piles, include barrettes & caissons using flat jack technology.

B

YJACK Type C is custom-made for driven concrete piles, such as reinforced & spun concrete.

C

YJACK Type D is double concreting method to install YJACK on smaller bored piles.

D

YJACK Type E is end bearing piles with 50% skin friction and 50% end bearing conservatively

E

YJACK Type O, is intended for open-ended piles that to allow soil to pass thru the YJACK location.

O

YJACK Type W is designed specially for working piles and to maintain the pile structural integrity.

W



# YJACK COMPARISON



## Static Method



## YJACK Method

Expensive	\$	Economical
Slow and Tedious	⌚	Fast and Simple
Large Work Platform	🏢	Environmental Green
Limited Test Load	🏗️	Unlimited Test Load
Not for Offshore Piles	🏗️	For All Types of Piles
Dangerous	🛑	Safe

# MALAYSIA BRAND

YJACK Technology Sdn. Bhd. is a CIDB registered company that is innovation-driven with its international PCT patented pile test invention, the YJACK bi-directional static load test method. This innovation has created a breakthrough in Malaysian invention, whereby it plays an important part in the construction industry.

It is a technology for static load test made suitable for all types of piles and sizes. When compared to conventional methods using kentledge blocks or anchor piles, it is by far the best cost and time saving pile test method, which accelerate its installation process, resulting in a significant reduction to its preparation time. This innovation is also environmentally friendly and safe.

Further to CIDB Competency 4\*STAR Rating, SME Competiveness 4\*STAR Rating, ISO9001, in year 2018, we achieved high level of Malaysian Accreditation Scheme for National Mark of MALAYSIAN BRAND to strive for YJACK quality, excellence and distinction.







# YJACK IN A NUTSHELL

# GLOBAL DISTRIBUTOR



## West Malaysia (Main HQ)

Tel: +6016-216 8129/215 8129

Email: [YJACKpiletest@gmail.com](mailto:YJACKpiletest@gmail.com)

## East Malaysia (Sarawak)

Tel: +6082-573 969/+6019-8263231

Email: [borneodynload@gmail.com](mailto:borneodynload@gmail.com)

## East Malaysia (Sabah)

Tel: +6019-826 1064



## YJACK Type B for Bored Piles



BP1200Ø 1350tn DIY



BP1500Ø 2400tn DIY



BP1500Ø 3220tn DIY



BP1800Ø 3900tn DIY



BP1800Ø 6660tn



BP2000Ø 6280tn



BP2400Ø 8000tn



BP2200Ø 12000tn

## YJACK Type C for Concrete Piles



End Bearing SC1000Ø



End Bearing SC600Ø



Concrete Pile SC600Ø



Concrete Pile SC250Ø



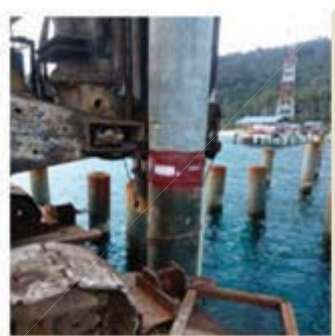
Marine Pile SC800Ø



Concrete Pile SC600Ø



Concrete Pile SC450Ø



Marine Pile SC500Ø

# ENGINEERING EXCELLENCE: SUSTAINABILITY APPROACH

As part of our plan and commitment, we strive to accelerate our performances in a sustainable manner.

Hence, we will continue to invest our time and efforts in innovative pile testing innovation that elevate the efficiency and effectiveness of the pile testing industry.

Our innovation will ensure our client to perform pile testing efficiently, conveniently, safely and timely.









**YJACK TECHNOLOGY SDN BHD**

201401010831 (1086910-H)



20, Jalan PP 11/5,  
Alam Perdana Industrial Park,  
47130 Puchong, Selangor,  
Malaysia.

+6016-2168 129

[www.YJACKpiletest.com](http://www.YJACKpiletest.com)