



APICAL

ENGINEERING & SOLUTIONS PVT. LTD.

ISO9001:2015 CERTIFIED



Trusted
Reliable
Productive



LIFTING ATTACHMENTS

STEEL PLANTS | SCRAP HANDLING UNITS
PORTS | MSW PLANTS



ABOUT US

APiCAL, a trusted brand in Design, Engineering and Manufacturing of Custom designed SPM as well as general purpose heavy duty lifting equipment for Steel & Power, Aluminum Industries, Seaports, Terminals, MSW plants and other recycling units. APiCAL is committed to develop innovative lifting solutions & manufacturing equipment that increases productivity and profitability of your business.



APICAL PRODUCTS

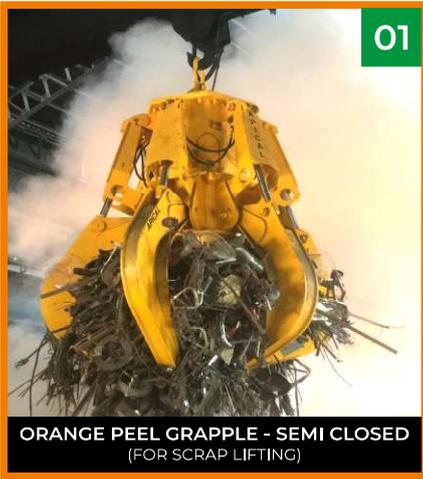
Strength of engineering capability and through understanding of application helps us to design reliable products.

Sourcing of internationally reputed raw material and bought out items further strengthens the dependability of our products.

Rigorous & uncompromised Quality check ensures adherence to any national and International Quality Standards may it be IS or DIN.

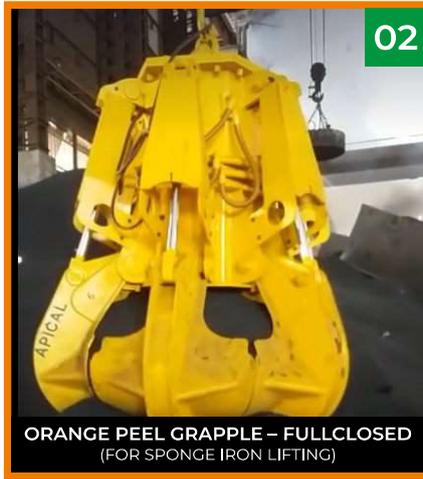
Trouble free and smooth operation of our products not only increases the productivity, but also it resulted in the multiple repeat orders from domestic as well as client form developed countries this show their trust in our products and us.

We also provide engineering support for new product and system development from concept to supply in close coordination with team of end-user.



01

ORANGE PEEL GRAPPLE - SEMI CLOSED
(FOR SCRAP LIFTING)



02

ORANGE PEEL GRAPPLE - FULLCLOSED
(FOR SPONGE IRON LIFTING)



03

ORANGE PEEL GRAPPLE - ROPE OPERATED
(FOR BULK MATERIAL HANDLING)



04

ORANGE PEEL GRAPPLE - EXCAVATOR MOBILE HYDRAULICS (FOR SCRAP HANDLING)



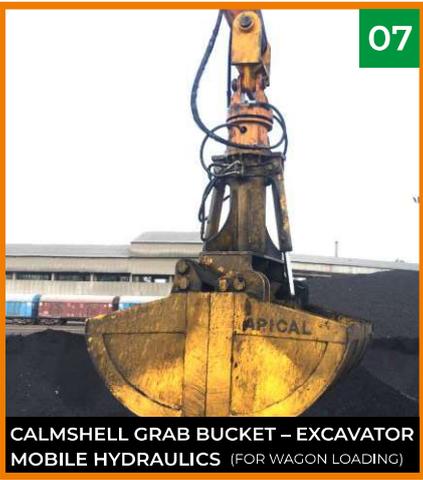
05

CALMSHELL GRAB BUCKET-ELECTRO HYDRAULIC (FOR BULK MATERIAL HANDLING)



06

CALMSHELL GRAB BUCKET - ROPE OPERATED
(FOR DREDGING / WELL SINKING)



07

CALMSHELL GRAB BUCKET - EXCAVATOR MOBILE HYDRAULICS (FOR WAGON LOADING)



08

CALMSHELL GRAB BUCKET- SELF DUMPING TYPE (FOR TANK CLEANING)



09

GRAB BUCKET - REMOTE OPERATED OPENING (FOR PORT AND HOPPER CHARGING)



10

C HOOK



11

COIL TONG - ELECTRO MECHANICAL



12

COIL TONGS - HYDRAULIC OPERATED



13

COIL TONGS – VERTICAL COIL TONG



14

BILLET TONGS & SLAB TONGS



15

COIL TILTER



16

PATCHING MACHINE / LINING VIBRATOR



17

SLIDE GATE CYLINDERS



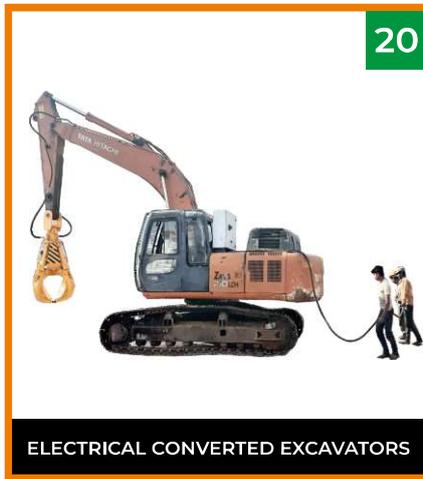
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HYDRAULIC CYLINDERS



19

PUSHERS FOR FURNACES



20

ELECTRICAL CONVERTED EXCAVATORS



21

TRANSFER CAR

OUR VALUABLE CLIENTS



ELECTRICAL CONVERTED EXCAVATORS

FEATURES :

- Very cost-effective solution for scrap sorting and handling.
- No fuel cost. (No requirement of diesel).
- No engine maintenance cost.
- Fast unloading and sorting of scrap from trucks.
- Easy availability of spares.
- Fast response and availability of service experts.

APPLICATION OF MODIFIED EXCAVATOR

- Fast truck and container loading / unloading.
- Scrap sorting.
- Feeding of scrap to bundle press & shearing machines.
- Best suitable for scrap yards, steel mill, ports and metal processing industries.



TRANSFER CAR

APICAL holds the capacity to designs, manufactures, and repairs heavy duty transfer cars for wide range of industrial applications, including : Scrap handling cars, furnace cars, tundish cars, scale & transfer cars, and turntables.

FEATURES :

- Custom designed industrial cars in AC powered configuration.
- Can handle load as per required capacity.
- Robust, heavy-duty, all-welded construction .
- Interchangeable wheel assembly with EOT crane's wheel assembly
- Drive with torque limiter.
- Wheels with hardness 50-55Rc
- Safety electrical controls.
- Low & easy maintenance.



CUSTOMIZED SOLUTIONS

Supply Of Import Substitute Spares And Machineries

If you have an Imported Machinery and unable to find the spares? We hold the capacity to design, manufacture and supply the spares, we can even do retrofitting of imported machines in such a way the that locally available bought out items and spares can be used. This services demands high expertise in design and it is our forte.





SELF-DUMPING GRAB BUCKET

- BEST FOR MILL SCALE REMOVAL / TANK CLEANING.
- VERY LOW MAINTENANCE, TOTALLY MECHANICAL SYSTEM.
- EASY TO OPERATE.
- CAN BE USED WITH HYDRA CRANE / MOBILE HYDRAULICS OR EOT ETC, JUST NEED TO HANG ON A HOOK.
- ZERO BREAK-DOWN TIME.
- SUITABLE FOR UNDER WATER APPLICATION.
- TANK CAN BE CLEANED DURING PLANT IN RUNNING CONDITION, NO NEED TO SHUT DOWN PRODUCTION.



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+91 9820477505 / +91 9960119726



PLOT NO.T-188/W-13, WOMEN ENTREPRENEURS IND. PREMISES COOP SOCIETY,
BHOSARI MIDC, PUNE - 411026 MAHARASHTRA. INDIA.



sales.apicalengg@gmail.com / engg.apicalengg@gmail.com
www.apicalengg.com