

WONG FONG

PRODUCT CATALOGUE



TRUCK-MOUNTED CRANES

Our truck-mounted knuckle boom cranes are leaders in the crane industry. The result of innovative technology, these functional and attractive cranes allow comfortable equipment and exceptional load-handling - making them the ideal loading cranes for any job. These cranes meet the EN12999 crane standard.



HOOK LOADERS

The hook loaders are mounted onto trucks using a hydraulic Arm-Roll system for easy loading/unloading of detachable receptacles such as container bins, portable compactors, designed steel platforms etc. It is a less expensive and safer alternative in handling solid/liquid waste, scrap metal, building refuse and recycling materials.



TAILGATES

The tailgates use an electro-hydraulic-driven system with a steel/aluminium platform for loading/unloading of goods from vehicle decks.



TRANSPORTABLE FORKLIFTS

The transportable forklifts can be used for any application, whether as a classic rear-mounted or a box-mounted forklift. They are mounted onto the axles of semitrailers or trailers to be transported around.



BRIDGE INSPECTION UNITS

These bridge inspection units have proven their worth on numerous road and rail vehicles over many years. They stand out by virtue of a particularly large working range covering both below and above road and rail level.

Equipped with electric, hydraulic and pneumatic power in the working cage, the units can also be used for taking material samples or carrying out minor repair work.



SELF-LOADERS

The self-loaders are cargo bed trucks with a hydraulic system and rear ramp. They can lift and tilt the cargo body to transport off-road vehicles. Optional additions include a truck-mounted crane, hydraulic power ramp and remote control system.

NO CHALLENGE TOO HEAVY





TIPPERS

The tippers are mounted on the rear platform of a truck to transport construction materials. A hydraulic hoist is normally fitted under the tipper's body to raise the body during unloading. Special steel plates (HARDOX in My body) can be added to construct the tipper body.



ROLLER SYSTEMS

The roller systems are used to transfer heavy and bulky cargo along the platform. They can be customised for trailers or normal truck cargo beds. They also include air/electric systems to help the rollers move cargo in and out of ISO shipping containers more easily.



AERIAL PLATFORMS

These are truck-mounted working platforms with hydraulic-articulating systems that facilitate maintenance or installation works at great heights.



RAILWAY CRANES

The customised hydraulic cranes are mounted on train wagons or movable truck platforms for general cargo lifting and maintenance purposes.



WORKMAN BASKETS

The workman baskets which come with a safety harness are made of aluminium or steel with quick coupling to the truck crane boom system. Generally used for tree cutting, street light repairing and other maintenance purposes, these baskets have one- or two-men capacity options.



PORTABLE COMPACTORS

The portable compactors are designed for most industrial applications and large-scale waste transportation.



REAR-END COMPACTORS

The rear-end compactors are mounted on trucks and come with built-in hydraulic systems to compress waste.



SKIP-LIFTS

These are general-purpose bin trucks that use two hydraulic-powered steel arms to load/unload skip-bin and discharge content.



CONTAINER BINS

These are high-tension steel or mild steel containers made of HARDOX quality plates and are usually used to collect scrap materials and rubbish at work sites. Wong Fong is a HARDOX in My body member in Singapore.



SKIP- BINS

These are smaller steel bins for collecting and discarding debris at work sites. These can be lifted and relocated by forklifts.



BALERS

The balers use heavy-duty hydraulic press to compact and reduce scrap metal to various baler sizes.



MINI-DUMPER ELECTRIC VEHICLES

These environmentally friendly mini dumpers use electric batteries with hydraulic systems to compress waste. There is also a rear bin-lifter to load waste into the body of the mini-dumper.



BIN-LIFTERS

These bin-lifters are built to lift waste bins and discharge the waste into another container or compactor.

MOBILITY SYSTEMS



WHEELCHAIR LIFTS

These wheelchair lifts are designed for installation on the side or rear doors of domestic full-size vans. The lifts are fully hydraulic for both the fold/unfold and up/down cycles. These lifts can be operated by a standard hand-held control, an on-lift control or an optional remote control.



VEHICLE TURN-SEAT LIFTERS

The turn-seat lifters can be installed in MPV passenger vehicles, vans and mini buses. With this lifter, users can easily board and alight from vehicles. The lifter has safety lock features to prevent accidents and also comes with cable remote control.



WHEELCHAIR TIE-DOWNS

These devices help to secure the position of wheelchairs in vehicles, ensuring the safety of the user.



CARGO LIFTERS

These lifters are general electro-hydraulic lifting systems for cargo loading/unloading into a minivan. The lifting capacity is up to 300kg.



INFUSING SPARKS OF
INNOVATION



MILITARY SOLUTIONS

Our military line provides lifting, loading and handling solutions for various military and logistic supply chains.



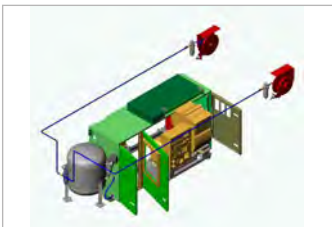
ADD-ON ARMOUR VEHICLES

Comprehensive add-on armour solutions are available for various civilian and military vehicles. Special solutions include STANAG- or NIJ-level armouring panels, ballistics glass, run-flat tyres, blast-protection panels, self-sealing composite and explosion suppression materials for fuel tanks.



HIGH MOBILITY TRAILERS

These specially customised trailers are built for cross-country and rough terrain operations.



MOBILE POWER SYSTEMS

These customised Gen-set and air compressor systems are suitable for various operational requirements.



MILITARY SHELTERS & MOBILE MAINTENANCE VEHICLES

The military shelters are made of light-weight, high-strength materials for military applications and maintenance vehicles. Options include a power ramp and crane system.



MILITARY CARGO BEDS

Various military cargo bodies, platforms and torsion-free bodies are available.



FLAT RACKS

We have available NATO STANAG-based demounted platforms and flat racks.



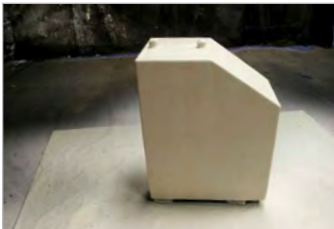
TURNKEY PROJECTS

We provide solutions for various military and civil defense requirements.



RECOVERY WINCHES

These heavy duty winches can be installed onto vehicles, static platforms and buildings for recovery purposes.



SELF-SEALING COMPOSITE

Acting as a "second skin" or defensive layer for the fuel tank, this composite can effectively detect a puncture, thus sealing holes and cavities immediately to prevent leakage.



NO CHALLENGE TOO HEAVY



AMBULANCES

We have available standard ambulances, customisable for specific requirements.



RECOVERY TOW TRUCKS

These standard recovery trucks are used for towing or recovery of vehicles.



MAINTENANCE, UTILITY VEHICLES

These are custom-built vehicles with compartments for storage and add-on features, such as a GEN-SET, welding machine, air compressor and mini crane.



WATER TANKERS

The portable water tanks come with skid and roller systems which enable the tanks to be easily transported using hook lifts.



RIOT POLICE VEHICLES

These vehicles are built with tough and lightweight materials for various requirements.

USED EQUIPMENTS



CRANES AND HOOKLIFTS

We are also active in trading used and re-conditioned truck cranes, loader cranes and hook-lifts.

Our used equipments are exported to various countries in South East Asia as well as Australia, Russia and China. Upon request, the used cranes or hook-lifts can be re-conditioned and repainted with a layer of fresh topcoat.



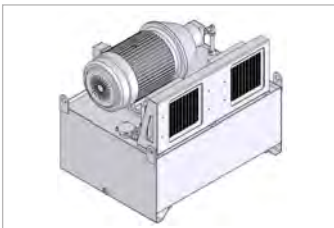
MARINE CRANE SYSTEMS

The marine system cranes available are designed and built for the most diverse applications, even under severe conditions. The cranes are user-friendly, have high load capacities, as well as use a special paint finishing and quality materials that guarantee durability.



OFFSHORE SYSTEMS

The offshore systems are designed to simplify offshore works as well as increase work scopes and safety. These systems also include JUMP (Jack-up Maintenance Platform), UPA (Under Platform Access) and Aerial Platform.



POWERPACKS

The hydraulic powerpacks are engineered to withstand harsh and hostile environments. Each unit is equipped with a fluid level indicator, thermometer and filler-breather filter.



OFFSHORE CONTAINERS

These customised offshore containers are built for solid or liquid materials and according to offshore DNV standards.

TURNKEY PROJECTS



CONTAINER LOADING SYSTEMS

The customised loader systems use heavy-duty, self-lubricated rollers to slide heavy and bulky goods into ISO-standard shipping containers. They maximise container space and reduce loading/unloading time, manpower and logistic costs.



RADIO REMOTE CONTROL SYSTEMS

The wireless radio remote control systems are built for various industrial applications, including marine and offshore requirements.

