

LIFTMAK

UDYOG PVT. LTD.

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Adj. Hanuman Mandir, Gurgaon – 122 001, Haryana, INDIA

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Website : www.liftmak.com

Liftmak is a leading ISO 9001:2000 certified manufacturer in India of Industrial & Municipal equipment. Our product range includes a wide range of chassis/ tractor mounted and trailer mounted equipment, as below –

- ◆ Hydraulic access platforms – tractor/trailer/chassis mounted and self-propelled
- ◆ Fire-fighting & rescue platforms of up to 32M working height
- ◆ Truck mounted hydraulic foldable knuckle boom cranes & straight telescopic cranes
- ◆ Skid steer loaders/back-hoe
- ◆ Municipal equipment:
 - Dumper placers, Dual loaders, 3-way dumper placers
 - Roll-on/off-tippers
 - Refuse compactors – rear loading, side loading
 - Closed top garbage tippers
 - Sewer jetting cum suction machines
 - Cesspool emptiers
 - Self-propelled drain cleaning machines
 - Truck mounted drain cleaning machines
- ◆ Other allied equipment, such as Recovery vehicles, Hydraulic tail gate system, wing bodies, expandable bodies etc.

Over **1000 Liftmak** Municipal & Industrial equipment are working satisfactorily throughout the Country & overseas. You may also like to view our range of equipment at our web-site, www.liftmak.com

Liftmak has been consistently developing new and innovative products and continuously upgrading technology in existing products, to offer our customers the very best, without any compromise.

A brief pictorial overview of our products through action photographs and drawings is as follows –

HYDRAULIC ACCESS PLATFORMS: In India, we are the market leaders in this product segment by virtue of the largest number of installations and the widest range of designs up to 32m working height. A few examples are as under:



2-BOOM DESIGN



2-BOOM ON TRAILER



3-BOOM ARTICULATED ON MULTI-AXLE CHASSIS



Telescopic cum articulated zero elbow design with basket resting on vehicle deck in stowed position for quick start up

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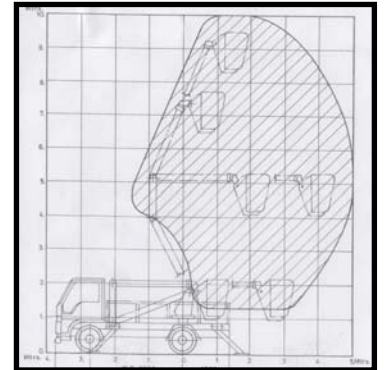
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TELESCOPIC DESIGN 15M WORKING HEIGHT

TRACTOR MOUNTED

Z-BOOM COMPACT DESIGN

FIRE FIGHTING & RESCUE PLATFORMS: This demanding application requires fast operational timing, high capacity rescue cage with independent rotation to align to building, smooth operation, option of electronic CAN-BUS system with graphic display indicating reach, height, cage angle, wind speed, single push button outrigger auto-levelling, automatic stability management and accessories such as water monitor at cage, compressed air supply at cage, heat shield at cage, escape ladder along booms, bodywork housing portable pump, standby engine and fire-fighting equipment, intercommunication between cage and base control, all backed with effective, prompt and reliable service after sales.

We have successfully designed and developed this essential product in India up to 32m height, suitable for mounting on Indian chassis, to meet the need of fire-services. Liftmak fire fighting platform incorporates all features at par with international standards and moreover, has the highest capacity rescue cage in the business – 500kgs.

A few action photographs are as under:



LIFTMAK FIRE FIGHTING AND RESCUE PLATFORM MOUNTED ON TATA 2515 3-AXLE CHASSIS

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TRUCK MOUNTED HYDRAULIC FOLDABLE KNUCKLE BOOM CRANES AND STRAIGHT TELESCOPIC CRANES: In India, we are the leading manufacturer of this product segment by virtue of the largest number of installations and most advanced design. Our superior product has been well received in the country. Prominent users include power distribution organisations, construction companies and central government organisations.

A few action photographs are as follows –



Observe above, the crane in transport position, where it is folded within 1.5m lateral space of the chassis, with outriggers flushed within body width of vehicle. Notice the in-line boom geometry, where the crane booms fold in between the twin columns over the slew

Below, you can perceive the long reach of the telescopic booms in fully extended position and all 4-outriggers positioned. The outriggers have hydraulic-out as well as hydraulic-down movement. You can see that the operator is seated comfortably on elevated operator seat fixed on slew column, from where the operator has full visibility of hook and load at all times.



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The pictures below show the following –

- Hydraulic wing body in partially opened position (right photos) and in fully opened position (left photos)
- The right photos clearly bring out the in-line boom geometry of Liftmak crane. The in-line boom geometry makes the crane robust and there are no off-centre loads as in case of other designs where all the booms of the crane are not in-line with slew centre
- The photographs show the crane handling load at full height with all booms in extended position.



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Featured below is the Liftmak truck mounted crane with grab attachment, mounted on 3-axle chassis. This equipment has an extraordinary reach of 22m – the longest in the industry, considering that the capacity at full reach is 1000 kgs. The application depicted is for desilting of wide open drain.



Below are action photographs of Liftmak crane handling pole and cable drums –



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SKID STEER LOADER/BACKHOE/DRAIN CLEANING ATTACHMENT: We have pioneered the development of the skid steer loader in India, which was so far being imported. Action photographs are as under:



LIFTMAK SKID STEER LOADER LOADING TRAILER



SKID STEER DRAIN CLEANING ATTACHMENT

There are several attachments possible with the skid steer loader, such as backhoe, auger, sweeper, 4-1 bucket etc. Photograph of backhoe is as under:



MUNICIPAL EQUIPMENT: Liftmak manufactures a wide range of municipal equipment including dumper placers (skip lifters) of diverse designs and capacities, roll-on/off tippers, refuse compactors, jetting and suction machines. A few examples are illustrated in the following photographs –



DUMPER PLACER/SKIP LIFTER



TWIN CONTAINER DUMPER PLACER



MULTIPAK REFUSE COMPACTOR



Sewer Line Jetting Machine



Cesspool Emptier



Garbage Tipper with Hydraulic Top Cover

Apart from the above, our range of municipal equipment includes

- ✓ Roll-on/off tippers
- ✓ Cattle catchers
- ✓ Mini-tippers on 3-wheeler

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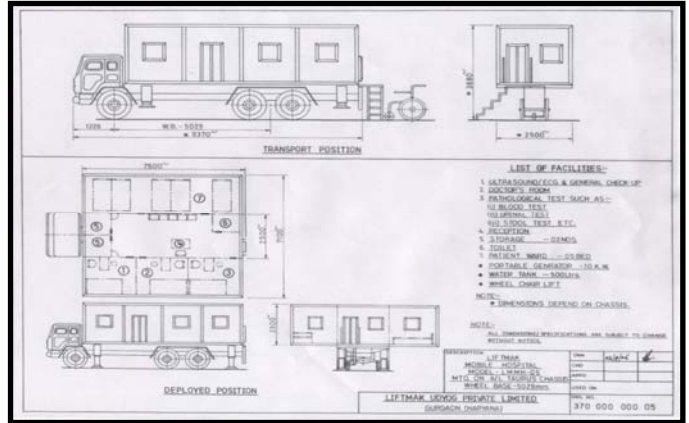
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OTHER ALLIED EQUIPMENT: To meet the specific needs of our valued customers, we are constantly innovating and designing new products. A few examples are Recovery vehicles, Hydraulic tail gate system, wing bodies, expandable bodies etc. –



Light Recovery Vehicle



Drawing of mobile hospital with e-x-p-a-n-d-a-b-l-e body

We have also manufactured and installed in large numbers, hydraulically operated tail gate systems, which facilitate easy loading of materials into trucks. The system allows the tail gate of truck body to lower to ground level in horizontal position. Material is loaded onto the tail gate, which lifts up in horizontal position, aligning itself to cargo deck. Once the material is placed inside body, the tail gate folds in vertical position, acting as a back support to the truck body.

For other specific requirements of our customers, we have built hydraulically operated wing bodies of different designs, which allow materials to be loaded into truck body from sides or from top, as required.

FUTURE DEVELOPMENTS: We have several applications on the drawing board and under development, such as –

- ➔ Under bridge inspection platforms
- ➔ Self-propelled access platforms
- ➔ Fully mobile self-propelled cranes
- ➔ Higher capacity telescopic truck mounted cranes
- ➔ Access platform of up to 42m working height
- ➔ Sugarcane handling machine

to name a few.

Liftmak is committed to constant development and we have a consistent track record in development of niche applications in our field of activity, besides constantly improving our existing products.

Our Vision is to continuously anticipate, meet and exceed our Customers' requirements in the field of mobile power hydraulics by offering Quality products and innovate solutions aimed at and focused on the actual end use application – at down to earth, cost effective prices; backed by reliable, responsive committed and effective after-sales-service – on time every time.