



U.A.N: 111- KARSAZ (527-729)

CONTENTS

1.0 _____ Introduction

2.0 _____ Industrial Equipment And Services

2.1 _____ Container/Cargo Handling Equipment

2.2 _____ Container/Cargo Security/Scanning Equipment

2.3 _____ Construction and Allied Equipment

2.4 _____ Fire Fighting & Safety Equipment

2.5 _____ Waste Management Equipment, Systems & Products

2.6 _____ Airport Aviation Equipment

2.7 _____ Auto/Industrial Componentries and Parts

3.0 _____ Services & Solutions

3.1 _____ Engineering Services

3.2 _____ Event Management/Exhibition Stall Designing/Installation etc.

4.0 _____ Clientle

5.0 _____ Contact Us

Introduction

Eminent from its name **KARSAZ (FACILITATOR)**, KARSAZ has been facilitating different industrial sectors for last 54 years. After serving the Automotive sector for 26 years, in 1978 KARSAZ expanded its business operations in the Sea-ports sector, organizing and selling Container/Cargo Handling Equipment, Componentries, Spares and After Sales Engineering services. Today KARSAZ is present in almost all progressive sectors as follows:

01. Container/Cargo Handling Equipment;
02. Container/Cargo Security/Scanning Equipment;
03. Construction and Allied Equipment;
04. Fire Fighting & Safety Equipment;
05. Waste Management Equipment, Systems & Products.
06. Equipment (Assets) Rental/Leasing;
07. Operation & Maintenance Services etc.;
08. Commissioning, Warranty & Maintenance Services;
09. Auto/Industrial Componentries and Parts;
10. Event Management/Exhibition Stall Designing/Installation etc.

with the support of following group of Companies:

- **KARSAZ PRIVATE LIMITED,** Pakistan
- **TRADERS INTERNATIONAL,** Pakistan
- **EXPEDITER GENERAL TRADING, L.L.C.** (Dubai – UAE)

In pursuance of excellence and enhancing deliverance of international quality management and workmanship of its services, KARSAZ is certified by the world renowned certification body, NQA, as OHSAS 18001.

Industrial Equipment & Services

Industrial Equipment

Container/Cargo Handling Equipment

- Fantuzzi Group
- Bromma Spreaders
- Capacity of Texas – Terminal Tractors
- Zephir – Locomotives
- The Gantry Group

Container/Cargo Security/Scanning Equipment

- Smiths Detection Pte Ltd

Construction and Allied Equipment

- Terex Italia, Bendeni
- Bobcat
- XGMA
- Alimak Hek

Fire Fighting & Safety Equipment

Waste Management Equipment & Products

- MATHIEU YNO
- SCHWARZE
- CHECKSAN-HAMARAT SWEEPERS

Airport Handling & Support System

- Douglas Equipment
- Avlite
- Lord Ingénierie

Auto Industrial Components & Parts

- Engines
- Transmissions
- Hydraulics
- Differentials
- Electrical/Electronic Systems;
- Wire Rope
- Tires;
- Complete Assemblies & Componentries
- Abrasives Technologies

Services

Engineering services

- Operation & Maintenance
- Equipment Refurbishment
- Installation & Commissioning
- Warranty & Claims
- Asset Management/Rental Leasing

Creative Solutions

- Exhibitions Services/Stall designing
- Event Management
- BTL Activities
- Creative Solutions
- Interior & exterior

Certifications

We are registered and certified with nearly all:

- Government
- Semi-Government Organizations
- OSHAS 18001

Container/Cargo Handling Equipment

Fantuzzi

Karsaz represents the largest brands of equipments in port material handling which includes:

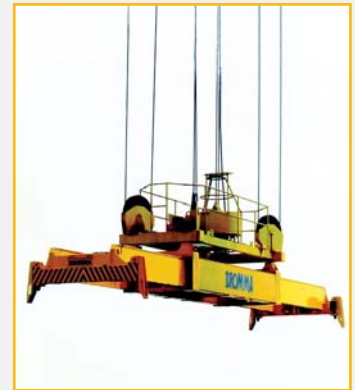
- Fork Lifts *(From 10 To 52 Tons Capacity)*
- Side Loaders *(From 2 To 52 Tons Capacity)*
- Reach Stackers *(From 7.5 To 60 Tons Capacity)*
- Quay Side Ship To Shore Cranes
- Rubber Tired & Rail Mounted Gantry Cranes.
- General Cargo Cranes
- Bulk Unloaders
- Sugar Plants
- Desalination Plants
- Aircraft Handling Components



Bromma

Bromma is the industry's most experienced spreader manufacturer. They have delivered spreaders to more than 500 terminals in over 90 countries in 6 continents; they are in use in 97 out of the top 100 ports worldwide

- SPREADERS
- YARD CRANE SPREADER
- COMBI SPREADERS
- SPREADER ACCESSORIES



Capacity of Texas

Capacity of Texas is considered a world class supplier, with units operating in all 50 states, and many foreign countries in addition to supplying a number of government agencies, including gsa, aafes, dod and the postal service.

- Phett® Pluggable Hybrid Electrical Terminal
- TruckTj5000 Model
- Tj6500t Model
- Tj9000 Model
- Lng Fuel Model
- Tj5000 (*Dot Certified Model*)
- Tj7000 Model
- Cng Fuel Model



Zephir

Since 1969 Zephir S.P.A. has designed, produced and sold industrial towing tractors and railroad shunting locomotives (also called loco tractors)

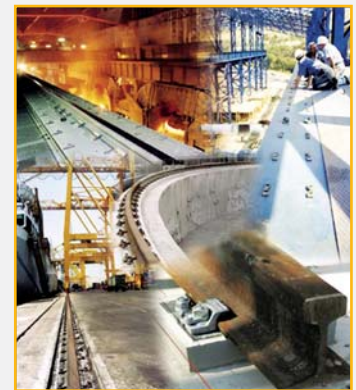
- Locomotive
- Towing Tractors
- Railroad Shunting Locomotives (*Also Called Loco Tractors*).



Gantry

The Gantry group dealing/providing following solutions:

- Rail Track
- Rail Clips / Pads
- Anchoring Leveling Device
- Grout – Resin
- Removable Safety Barrier
- Hydraulic Buffer
- Magnetic Lifting Equipment



Container/Cargo Security/Scanning Equipment

KARSAZ is authorized agents of Smith Detection Products in Pakistan who are worldwide leaders in Scanning & Detection Systems. **SMITHS'** provides complete information on their products, project management, systems installation, training and maintenance services for their systems.

Smiths Detection Security and Scanning Products are the foremost choice of **Security Experts and Government Organization** worldwide.

KARSAZ is providing technical back-up services for the first of its kind container/cargo scanning equipment installed by US Government at PORT QASIM AUTHORITY.

Smiths' Products identify **CBRNE (Chemical, Biological, Radiation, Nuclear & Explosives) material** and other dangerous or illegal objects by providing following solutions.

- X-ray inspection
- Security checkpoint solutions
- Explosives/narcotics trace detection
- Radiation detection
- Integrated military systems
- Metal detection
- Chemical agent detection
- Chemical identification
- Millimeter-wave inspection
- Biological agent detection
- Sensor Management Systems



Construction and Allied Equipment

Terex

Karsaz now also represents Terex-compact (heavy construction equipment division) and terex-demag (crane manufacturing division).

Terex markets more than 50 diverse and well-respected brands, which cover a broad range of equipment for the construction, infrastructure, and quarrying, recycling, surface mining, shipping, transportation, refining, utility, and maintenance industries:

Rough Terrain Cranes

When maximum reliability is needed customers trust in the well proven products from Terex. Both the US and Italian production facilities supply this promise without limitation and offer a wide range of rough terrain cranes with lifting capacities from 20 to 100 tons.

Aerial Working Platforms

- Articulating Booms
- Portable Aerial Working Platforms
- Portable Material Lifts
- Scissor Lifts
- Telescopic booms
- Trailer Mounted Booms



Bobcat

We, M/s. Karsaz (Pvt.) Limited, are authorized agents & distributors of BOBCAT in Pakistan. Its an especially designed rigid '**MULTI PURPOSE**' machine for all commercial, construction, municipal and industrial needs. Originating from Belgium, this machine tops rating amongst its competitors being adaptable, maneuverable and durable.

Product Range:

Loaders

- Skid Steer Loaders
- All Wheel Loaders
- Tracked Loaders
- Articulated Loaders

Standard Features: Durability, Comfort & Control options, Shortest & Faster run, Efficient Working, Compactness and Transportability.

Excavators

Compact Excavators are delivering to greater strength in a lighter machine. By using these Excavators you will boost production, save labor and produce profit.

- Mini Excavators 0-2 ton
- Small Excavators 2-3 ton
- Medium Excavators 3-5 ton
- Fast Track Excavators
- Midi Excavators 7.5-12.5 ton

Standard Features: Smooth quite & efficient operation, Tremendous digging & lifting capability, Lower fuel consumption, Dramatically reduce sound level, Easy Maintenance, Superb Travel Performance etc.

Telescopic Handlers

Standard Features: Productivity & versatility that only Bobcat can provide, featuring increased efficiency, Reliability & Robustness: Built to Last, All-Terrain design for exceptional maneuverability, Easy Maintenance, Less Downtime, Easy Control, Work all day in more comfort.

Attachments: As per requirement, it can works efficiently with various attachments.



XGMA

KARSAZ is an authorized agent of XGMA Machinery Co., Ltd., China, who are the largest construction machinery manufacturer.

After 50 years of excellent Loader Manufacturing Experience in China's construction machinery **XGMA** now serves you with their World wide renowned **CE Certified** Wheel Loaders.

XGMA Wheel Loaders are:-

Cost Effective

XGMA wheel loaders work on exclusive power saving patent technology with low fuel consumption.

Reliable

XGMA Wheel Loaders have Patent technology that makes the balance of working efficiency and reliability.

Adaptable

XGMA Wheel Loaders are massively used for Mining, Heavy & Common construction projects, Industry, Quarrying and concrete, Forestry, Agriculture & Material handling.

Multipurpose

XGMA Wheel Loaders have variety of buckets for different purposes.

- General Purpose Bucket
- Rock Bucket
- High Dump Bucket
- Light Material Bucket
- Side Dump Bucket
- Logging Grapple (especial for tube in oil field)



Alimak Hek

Alimak Hek group is the worlds leading supplies of most climbing equipments and added value services for both temporary and permanent installation providing the most cost efficient, reliable, and flexible vertical access solutions for people and material in the construction and general industry.



Fire Fighting & Safety

Karsaz represents some of the world's renowned brands from Japan, European and United Arab Emirates Countries who manufacture Fire Fighting Equipments and Systems meeting all European, American and NFPA Standard. We can also provide complete Fire Fighting Solutions to meet every customer's requirement.

Fire Fighting Equipment

- Morita Corporation
- Naffco
- Viking
- Kentec Alarm Systems
- Cooper
- General Monitors
- Ves

Safety Equipment

- Vispro Safety
- Sperian Protection
- Biomarine Safety



Waste Management Equipment, Systems & Products

MATHIEU YNO

Azura concept inaugurates a multidimensional sweeping system with independent adjustment of trailing or pushed brushes. A crafty device which no piece of waste or dust particle resists thanks to an integrated searching device and total visibility allowing on the spot inspection of the suction head and brushes. Azura concept's spacious and comfortable cab is the result of meticulous design in association with specialists in the automobile world.

- Street Sweeper
- Scrubber Drier
- Parks Sweepers
- Street Washers



Schwarze Industries

Schwarz industries offers one of the most comprehensive sweeper lines in the world, including models for parking area cleaning, industrial sweeping, shopping center sweeping, airport runway sweeping, street sweeping, milling cleanup and storm water runoff (pm-10) management

- ROAD CLEANING EQUIPMENT
- SNOW CLEANING EQUIPMENT



CHECKSAN-HAMARAT SWEEPERS

HAMARAT can do -alone- the job of 50 scavengers (sweepers). Any tractor driver in many level of skillness - can be training easily through 3 hours only. When any maintenance and/or brush/broom changing required this will be done easily by the tractor driver himself.

The satisfaction and interests of HAMARAT users' proof that HAMARAT is the idea road sweeping machine especially in both of Turkey & Middle East hard conditions.

VACUUM ROAD SWEEPING MACHINES

- VKM 6000 VACUUMED
- VKM 5000 VACUUMED
- VKM 4000 VACUUMED

ULV COLD FOGGING & LARVICIDE MEDICATION



Airport Handling & Support Systems

Douglas Equipment Limited

Douglas Equipment Limited which is located in Cheltenham, UK, was founded in 1947 and has become one of the world's leading suppliers of aviation towing tractors, ground support vehicles, port tractors, distribution and yard shunting tractors.



Lord Ingénierie

Lord Ingénierie is a French designer and manufacturer of optical and optoelectronic products. **Lord Ingénierie** also proposes a full range of vision products to our customers

- Machine Visison
- Analytical Imagine
- Measuring Deveice
- Airport Safety



Auto/Industrial Componentries and Parts

KARSAZ is associated with nearly 500 Local Sources and various Global Genuine spare parts suppliers and OEMs to supply more than 4000 different types of items, including, but not limited, to following:

- Engines
- Transmissions
- Hydraulics
- Differentials
- Electrical/Electronic Systems;
- Wire rope
- Tires;
- Complete Assemblies & Componentries
- Abrasives

Brunton Wolf Wire Ropes FZCO is a joint venture between **Usha Martin Limited**, the world's second largest rope producer and **Gustav Wolf** of Germany, leading producer of cord and specialty application ropes.



Services & Solution

Engineering Services

Operation & Maintenance

- KARSAZ provides complete Operation & Maintenance services for the equipment owned by our customers.
- Our target is to provide maximum operational performance while keeping the equipment in good working condition. Our professional and concentrated guarantees good maintenance and maximum operational output and also helps in maintaining good residual value of the equipment.

Erection & Commissioning

From Erection to Commissioning of equipment, **KARSAZ** provides following skilled trades, supervised by Senior Site Engineers:

- Riggers;
- Cutters/Welders;
- Mechanics;
- Electronic/PLC Engineers/Technicians.
- Loaders/Unloaders;
- Fitters;
- Electricians;



Warranty & Claims

On behalf of our principals **KARSAZ** provides the technical services and support for the limited committed warranty on the equipment bought by our customers:

- Inspection & Registration of Warranty Claims;
- Follow-up and amicable settlement of Warranty Claims;
- Import/Clearance of Goods etc. in the warranty period;
- Correction/Replacement of claimed problems/items on equipment.



Refurbishment of Equipment

KARSAZ not only provides the right technical people/support to refurbish used equipment but the skilled engineers, with in-depth and close studies of the equipment and its system, offers and improvise solution and systems for better and efficient performance of the equipment.



Asset Management & Rental Leasing

KARSAZ works very closely with our customers understanding their operational and technical requirements and providing the right and specialized equipment and services on Short/Long term Rental/Lease basis.



Event Management/Exhibition Stall Designing

Karsaz Innovative Ideas provides a full suite of services to the exhibition and event industry including, production of exhibition show catalogues, stand designing, graphics, digital printing of banners and posters etc.

In order to provide comprehensive services to our valued customers, our Team of professionals very closely interacts with their marketing objectives and smartly coordinates for ensuring the quality finished products.

Whether it's a fascia board or a complete stand, a single booth or an entire pavilion, a showcase or a showroom, KII professional designers give reality to your marketing objectives, interpret your ideas and integrate them in the design proposals seamlessly.

Some of our services are as under:

Corporate Events

- Exhibitions (Exhibit Designs)
- Brand / Product / Corporate Launches;
- Customer / Dealer Interaction Programs
- Merchandising & In-shop promotions
- Brand Extension Services
- Annual Celebrations
- Seminars & Conferences
- Banners & Glow Signs

Special Events

- Live Shows; Concerts & Fashion Shows
- Road Shows
- Awards Functions
- Convocations

Graphic Design and Creative Services

- Stall designing and fabrication
- Brochure Designing
- Flex Designing
- Interior/exterior Designing



Clientele

Government Organizations	Container Terminals and Shipping
<ul style="list-style-type: none"> • Directorate General Defense Procurement (DGDP) • National Logistics Corporation (NLC) • Pakistan Coast Guards • Sialkot International Airport • Pakistan Steel Mills • Water and Power Distribution Authority (WAPDA) • Karachi Electric Supply Corporation (KESC) • Capital Development Authority • City District Government Karachi (CDGK) • City District Government Lahore (CDGL) • City District Government Peshawar (CDGP) • Civil Aviation Authority Headquarters (CAA) • Pakistan State oil • Oil & Gas Development Company Limited • Air Port Security Force • Frontier Works Organization 	<ul style="list-style-type: none"> • Karachi International Container Terminal • Qasim International Container Terminal • Pakistan International Container Terminal • Al-Hamd International Container Terminal • Gawadar Port Authority • Faisalabad Dry Port • APL Agencies • Cooper and Company • Consolidated Marine Services • Eastern Group of Companies • Gokal Shipping • Inshipping-Karachi • Gokal Shipping • Inter Ocean • Modern Terminal Operators • Marine Services • Ak-Shaheen Container Services • Premier Mercantile Services • Saeed Maritime • Sea Board Services
Industrial Sector	Transportation Sector
<ul style="list-style-type: none"> • ICI • Engro Chemicals -Dharki • Fauji Fertilizer-Dharki • British Petroleum-Pakistan • Sui Southern Gas Company • Sui Northern Gas Pipelines Limited • Packages Limited-Lahore • Bahria Foundation-Karachi • Crescent Steel -Nooriabad • Liberty Mills Limited-Karachi • Kohinoor Group of Companies-Lahore • Sapphire Group of Industries-Lahore • Nazir and Company-Karachi • Lake City Holding (Pvt.) Ltd-Lahore 	<ul style="list-style-type: none"> • Jehangir Services Limited-Karachi • Nazir Ahmed and Sons -Karachi • Haji Anwar Haji Somar-Karachi • Crescent Carrier -Karachi • Shaheen Freight Services-Karachi

Contact US

D.H.A. Office:	1 st Floor Ehtesham Center, 10 th East Street, Defence Housing Authority, Phase-I Extension, Karachi-Pakistan.
Tel:	+92-21-111-KARSAZ (527-729) +92-21-35801908-10 +92-21-35801912-14
Fax:	+92-21-35801915
Email:	info@karsaz.com.pk, biz@karsaz.com.pk
Web:	http://www.karsaz.com.pk

