## TATA HITACHI

# CHALO TATA HITACHI



#### TATA HITACHI SUPPORT SOLUTIONS





Full Maintenance

Fixed hourly rate of maintenance and repairs





CAP Contract Ensured parts and lubricant consumption for a defined period.



**Annual Service** Contract

Periodic planned visits made by Tata Hitachi trained engineers for inspection, service and consultation for maximum uptime of equipment.

#### TATA HITACHI RE-MAN FACILITY AT KHARAGPUR

- Conforming to global standards. Certified by Hitachi, Japan
- Economical, reliable and durable: meeting stringent quality standards.
- Backed by a comprehensive warranty.
- For a wide range of machines: From 2 ton to 260 ton.















#### **GENUINE SPARE PARTS**



### DEALER INFRASTRUCTURE













TATA HITACHI

## **INFRA EQUIPMENT**

# **Product Range**





- **Key features**
- Hydrostatic technology
- High fuel efficiency
- Ease of operation

Load Over Height

- · Operator safety and comfort Adjustable steering column

3573 mm

- InSite

| Specifications           |   |
|--------------------------|---|
| Engine Model             | Cummins B4.5CIV121D221                                    |
| Engine Power             | 121 HP  |
| Operating Weight         | 10980 - 11060 KG  |
| Bucket Capacity          | 1.5-2.7 m <sup>3</sup>                                    |
| Payload                  | 3375 KG   |
| Transmission             | Electro-hydraulically controlled hydrostatic transmission |
| Drive System             | 4 wheel drive system                                      |
| Braking                  | Fully hydraulic braking                                   |
| Maximum Operating Height | 5002 mm   |

### Key features

ZW 225

- Hydrostatic technology
- High fuel efficiency
- Ease of operation
- Operator safety and comfort Adjustable steering column
- InSite

| Specifications    |                          |
|-------------------|--------------------------|
| Engine Model      | Cummins B4.5CIV121D221   |
| Engine Power      | 225 HP                   |
| Operating Weight  | 17,950 - 18,360 Kg       |
| Bucket Capacity   | 2.7 - 5.0 m <sup>3</sup> |
| Payload           | 5,440 Kg                 |
| Breakout Force    | 155 kN                   |
| Bucket Pin Height | 4,070 mm                 |
| Dump Height       | 2,900 mm                 |
| FTSTL             | 13,521 Kg                |
| SSTL              | 9.9 secs                 |

#### **Key features**

Robust design

EX70 PRIME

- Hitachi's original OHS
- High operational speeds
- Versatile
- Low owning and operating costs
- Least fuel consumption

| Specifications        |                          |
|-----------------------|--------------------------|
| Engine Model          | Tata 497 NA              |
| Engine Power          | 49 PS                    |
| Operating Weight      | 7200 KG                  |
| Bucket Capacity       | 0.13-0.68 m <sup>3</sup> |
| Boom                  | 3720 mm                  |
| Arm                   | 2120 mm                  |
| Swing Speed           | 12.8 rpm                 |
| Travel Speed          | 5.0 kmph                 |
| Bucket Digging Force  | 4800 kgf                 |
| Arm Crowding Force    | 3700 kgf                 |
| Maximum Digging Depth | 4660 mm                  |
| Maximum Digging Reach | 6800 mm                  |





- Hitachi's original OHS Ergonomically designed for comfort
- High performance High resale value
- Durable structures Least maintenance cost

| Specifications        |                          |
|-----------------------|--------------------------|
| Engine Model          | Tata 697 NA              |
| Engine Power          | 76 PS                    |
| Operating Weight      | 11800-12146 KG           |
| Bucket Capacity       | 0.23-0.60 m <sup>3</sup> |
| Boom                  | 4250 mm                  |
| Arm                   | 1950 mm                  |
| Swing Speed           | 11.8 rpm                 |
| Travel Speed          | 4.3 kmph                 |
| Bucket Digging Force  | 7300 kgf                 |
| Arm Crowding Force    | 5400 kgf                 |
| Maximum Digging Depth | 4720 mm                  |
| Maximum Digging Reach | 7410 mm                  |

- · Higher operational speeds
- lesser fuel Unparalleled versatility Easy to maintain Most popular excavator
  - Highest resale value

· Higher production for

|                       | • Highest resale value  |
|-----------------------|-------------------------|
| Specifications        |                         |
| Engine Model          | Cummins 6BT5.9C         |
| Engine Power          | 133 PS                  |
| Operating Weight      | 20100 KG                |
| Bucket Capacity       | 0.86-1.5 m <sup>3</sup> |
| Boom                  | 5680 mm                 |
| Arm                   | 2220/2900 mm            |
| Swing Speed           | 13.7 rpm                |
| Travel Speed          | 4.2 kmph                |
| Bucket Digging Force  | 11000 kgf               |
| Arm Crowding Force    | 11300 kgf               |
| Maximum Digging Depth | 5910 mm                 |
| Maximum Digging Reach | 9250 mm                 |

### Key features

- Higher operational speeds
- Higher production for
- Unparalleled versatility Most popular excavator
- lesser fuel • Easy to maintain
- · Highest resale value

| Specifications        |                  |
|-----------------------|------------------|
| Engine Model          | Cummins 6BT5.9C  |
| Engine Power          | 133 PS           |
| Operating Weight      | 19,800-20,000 KG |
| Bucket Capacity       | 0.86-0.91 m3     |
| Boom                  | 5680 mm          |
| Arm                   | 1900/2220 mm     |
| Swing Speed           | 13.7 rpm         |
| Travel Speed          | 4.2 kmph         |
| Bucket Digging Force  | 11000 kgf        |
| Arm Crowding Force    | 11300 kgf        |
| Maximum Digging Depth | 5910 mm          |
| Maximum Digging Reach | 9250 mm          |

#### Key features

- · Hitachi's optimum hydraulic system
- · Least fuel consumption
- Easy to maintain Enhanced operator comfort Highest resale value

Higher production for

| Specifications        |                         |
|-----------------------|-------------------------|
| Engine Model          | Cummins 6BT5.9C         |
| Engine Power          | 133 PS                  |
| Operating Weight      | 20600 KG                |
| Bucket Capacity       | 0.86-1.5 m <sup>3</sup> |
| Boom                  | 5680 mm                 |
| Arm                   | 2220/2900 mm            |
| Swing Speed           | 13.7 rpm                |
| Travel Speed          | 4.2 kmph                |
| Bucket Digging Force  | 11000 kgf               |
| Arm Crowding Force    | 11300 kgf               |
| Maximum Digging Depth | 5910 mm                 |
| Maximum Digging Reach | 9250 mm                 |





#### **Key features**

Heavy duty track parts

Maximum Digging Reach

- Heavy duty boom and arm
- HD mainframe & trackframe
- · Enhanced operator comfort
- Higher production for lesser fuel Higher operational speeds

| Specifications        |                           |
|-----------------------|---------------------------|
| Engine Model          | Cummins 6BT5.9C           |
| Engine Power          | 133 PS                    |
| Operating Weight      | 21250 KG                  |
| Bucket Capacity       | 0.91 - 1.0 m <sup>3</sup> |
| Boom                  | 5680 mm                   |
| Arm                   | 2220 mm                   |
| Swing Speed           | 13.7 rpm                  |
| Travel Speed          | 4.2 kmph                  |
| Bucket Digging Force  | 11000 kgf                 |
| Arm Crowding Force    | 11300 kgf                 |
| Maximum Digging Depth | 5910 mm                   |
|                       |                           |

#### **Key features**

- Hitachi's optimum hydraulic system
- Enhanced safety and comfort
- · Highly controllable front
- Stronger front attachments
- Easy to maintain • High return on investment

| •                     |                 |
|-----------------------|-----------------|
| Specifications        |                 |
| Engine Model          | Cummins 6BT5.9C |
| Engine Power          | 133 PS          |
| Operating Weight      | 20800-21300 KG  |
| Bucket Capacity       | 0.5 m³          |
| Boom                  | 8.23 m          |
| Arm                   | 6.37 m          |
| Swing Speed           | 13.7 rpm        |
| Travel Speed          | 4.2 kmph        |
| Bucket Digging Force  | 7156 kgf        |
| Arm Crowding Force    | 4819 kgf        |
| Maximum Digging Depth | 11628 mm        |
| Maximum Digging Reach | 15560 mm        |
|                       |                 |

#### **Key features**

- More production with less fuel
- Sturdiness and durability
- · Global e-service · Operator comfort

| Specifications        |                          |
|-----------------------|--------------------------|
| Engine Model          | MHI S4S                  |
| Engine Power          | 56 PS (55 HP)            |
| Operating Weight      | 7300-7650 KG             |
| Bucket Capacity       | 0.13-0.30 m <sup>3</sup> |
| Boom                  | 4398 mm                  |
| Arm                   | 2163 mm                  |
| Swing Speed           | 10.4 rpm                 |
| Travel Speed          | 5.0 kmph                 |
| Bucket Digging Force  | 5600 kgf                 |
| Arm Crowding Force    | 3300 kgf                 |
| Maximum Digging Depth | 4670 mm                  |
| Maximum Digging Reach | 6810 mm                  |

#### **Key features**

- HIOS III hydraulic system High production with less fuel
- Class leading forces
- Versatile
- High operator comfort and safety ConSite

| Specifications        |                         |
|-----------------------|-------------------------|
| Engine Model          | MHI S4K-T               |
| Engine Power          | 95 PS                   |
| Operating Weight      | 13360 KG                |
| Bucket Capacity       | 0.45-0.7 m <sup>3</sup> |
| Boom                  | 4600 mm                 |
| Arm                   | 2100/3010 mm            |
| Swing Speed           | 13.7 rpm                |
| Travel Speed          | 3.4-5.5 kmph            |
| Bucket Digging Force  | 10600 kgf               |
| Arm Crowding Force    | 7900 kgf                |
| Maximum Digging Depth | 5150 mm                 |
| Maximum Digging Reach | 7900 mm                 |



- Reliable & durable structures
- Latest HIOS III hydraulic
- comfort

| 0 0,                  |                         |
|-----------------------|-------------------------|
| Specifications        |                         |
| Engine Model          | Mitsubishi S6K-TA61MHTA |
| Engine Power          | 163 PS                  |
| Operating Weight      | 20900-21700 KG          |
| Bucket Capacity       | 0.9-1.22 m <sup>3</sup> |
| Boom                  | 5.6 m                   |
| Arm                   | 2.4 m                   |
| Swing Speed           | 13.0 rpm                |
| Travel Speed          | 3.5-5.5 kmph            |
| Bucket Digging Force  | 16100 kgf               |
| Arm Crowding Force    | 14200 kgf               |
| Maximum Digging Depth | 6120 mm                 |
| Maximum Digging Reach | 9430 mm                 |

#### Key features

ZA/IS 370LC

- · Powerful operations
- Rugged, durable structures
- Class leading forces
- Spacious and comfortable cabin
- High production for less fuel Control your fleet with ConSite

| Specifications        |                        |
|-----------------------|------------------------|
| Engine Model          | ISUZU AA-6HK1X         |
| Engine Power          | 250 PS                 |
| Operating Weight      | 35400-35900 KG         |
| Bucket Capacity       | 1.3-2.5 m <sup>3</sup> |
| Boom                  | 6400 mm                |
| Arm                   | 2660 mm                |
| Swing Speed           | 10.7 rpm               |
| Travel Speed          | 3.1-5.0 kmph           |
| Bucket Digging Force  | 25085 kgf              |
| Arm Crowding Force    | 22638 kgf              |
| Maximum Digging Depth | 6810 mm                |
| Maximum Digging Reach | 10570 mm               |

#### **Key features**

- 47 Ton class track frame and undercarriage
- Advanced technology for powerful operations
- Class leading forces
- ious and comfortable
- · Control your fleet with ConSite

| 5           | • | Spacio |
|-------------|---|--------|
| ith CanCita |   | cabin  |

| Specifications        |                        |
|-----------------------|------------------------|
| Engine Model          | ISUZU AA-6HK1X         |
| Engine Power          | 250 PS                 |
| Operating Weight      | 37100-37600 KG         |
| Bucket Capacity       | 1.3-2.5 m <sup>3</sup> |
| Boom                  | 6400 mm                |
| Arm                   | 2.66 m                 |
| Swing Speed           | 10.7 rpm               |
| Travel Speed          | 2.8-5.1 kmph           |
| Bucket Digging Force  | 25085 kgf              |
| Arm Crowding Force    | 22638 kgf              |
| Maximum Digging Depth | 6810 mm                |
| Maximum Digging Reach | 10570 mm               |



Reliable & durable structures

Maximum operator safety &

Manage your fleet with ConSite

170 PS

21700 KG

0.9**-**1.22 m<sup>3</sup> 5.68 m

9430 mm

ISUZU CC- 6BG1T

9250 mm



Key features

Engine Model

· Advanced technology for powerful excavation

 Latest HIOS III hydraulic system Powerful & reliable engine

Maximum Digging Reach

Engine Power Operating Weight **Bucket Capacity** Boom Arm

2.4 m Swing Speed 13.0 rpm 3.5-5.5 kmph Travel Speed Bucket Digging Force 16100 kgf 15000 kgf Arm Crowding Force Maximum Digging Depth 6120 mm

#### **Key features**

- Powerful operations

- Enhanced operator safety &
- Powerful & reliable engine Manage your fleet with ConSite



### TATA HITACHI

Reliable solutions

# Compact **Product Range**













- Reliable drive line for reliable performance
- Excellent hydraulic system
- Maximum comfort and safety
- InSite
- · Ultimate support for the machine

| Specifications               |                           |
|------------------------------|---------------------------|
| Engine Model                 | V3800-TIE4B               |
| Engine Power                 | 74.3 HP                   |
| Operating Weight             | 8050 KG                   |
| Bucket Capacity              | 0.26 - 1.1 m <sup>3</sup> |
| Transmission                 | Carraro                   |
| Backhoe Bucket Digging Force | 5685 kgf                  |
| Backhoe Arm Digging Force    | 3220 kgf                  |
| Backhoe Arm Length           | 1.96 m                    |
| Backhoe Boom Length          | 2.46 m                    |
| Maximum Digging Depth        | 4700 mm                   |
| Maximum Reach                | 6880 mm                   |

#### **Key features**

SHINRAL PROSTRICT OF THE STATE OF THE STATE

- Reliable drive line for reliable performance
- Excellent hydraulic system
- Maximum comfort and safety
- InSite
- Ultimate support for the machine

| Specifications               |                           |
|------------------------------|---------------------------|
| Engine Model                 | Cummins 4B 3.3T           |
| Engine Power                 | 47 HP                     |
| Operating Weight             | 7940 KG                   |
| Bucket Capacity              | 0.26 - 1.1 m <sup>3</sup> |
| Transmission                 | Carraro                   |
| Backhoe Bucket Digging Force | 6,026 kgf                 |
| Backhoe Arm Digging Force    | 3,087 kgf                 |
| Backhoe Arm Length           | 1.96 m                    |
| Backhoe Boom Length          | 2.46 m                    |
| Maximum Digging Depth        | 4700 mm                   |
| Maximum Reach                | 6880 mm                   |

#### **Key features**

SHINRAL

- · Reliable drive line for reliable performance
- Excellent hydraulic system
- · Maximum comfort and safety
- InSite
- Ultimate support for the machine

| Specifications         |                    |
|------------------------|--------------------|
| Engine Model           | V3800-TIE4B        |
| Engine Power           | 74.3 HP            |
| Operating Weight       | 7800 KG            |
| Bucket Capacity        | 1.1 m <sup>3</sup> |
| Transmission           | Carraro            |
| Payload                | 1980 kg            |
| Dump Height            | 2690 mm            |
| Load Over Height       | 3305 mm            |
| Loader Break-Out Force | 6580 kgf           |
|                        |                    |



















#### **Key features**

- Excellent performance
- Versatile
- Easy to manoeuvre
- Low cost of operation & maintenance
- Best fuel efficiency

| Specifications        |                          |
|-----------------------|--------------------------|
| Engine Model          | S217                     |
| Engine Power          | 28 HP                    |
| Operating Weight      | 2300 KG                  |
| Bucket Capacity       | 0.04-0.07 m <sup>3</sup> |
| Boom                  | 1900 mm                  |
| Arm                   | 1000 mm                  |
| Swing Speed           | 11 rpm                   |
| Travel Speed          | 3.27 kmph                |
| Bucket Digging Force  | 1890 kgf                 |
| Arm Crowding Force    | 1300 kgf                 |
| Maximum Digging Depth | 2323 mm                  |
| Maximum Digging Reach | 4188 mm                  |

#### Key features

Zero tail

- Compact and power packed
- Quality and durability

- Excellent performance
- Operator comfort & safety
- Easy to maintain

| Specifications        |                     |
|-----------------------|---------------------|
| Engine Model          | 3TNV76              |
| Engine Power          | 17.7 PS (13.0 KW)   |
| Operating Weight      | 2320 KG             |
| Bucket Capacity       | 0.07 m <sup>3</sup> |
| Boom                  | 1880 mm             |
| Arm                   | 965 mm              |
| Swing Speed           | 9.2 rpm             |
| Travel Speed          | 2.6-4.4 kmph        |
| Bucket Digging Force  | 1900 kgf            |
| Arm Crowding Force    | 1260 kgf            |
| Maximum Digging Depth | 2330 mm             |
| Maximum Digging Reach | 4190 mm             |

#### **Key features**

- Compact and power packed
- Quality and durability
- Zero tail

- Excellent performance
- Operator comfort & safety
- Easy to maintain

| Specifications        |                           |
|-----------------------|---------------------------|
| Engine Make           | Yanmar 3TNV88-B           |
| Engine Power          | 19.7kW @ 2200 rpm         |
| Operating Weight      | 2850 KG                   |
| Bucket Capacity       | 0.04, 0.07 m <sup>3</sup> |
| Boom                  | 2100 mm                   |
| Arm                   | 1200 mm                   |
| Swing Speed           | 10.5 rpm                  |
| Travel Speed          | 1.6/3.2 kmph              |
| Bucket Digging Force  | 2325 kgf                  |
| Arm Crowding Force    | 1460 kgf                  |
| Maximum Digging Reach | 4555 mm                   |
| Maximum Digging Depth | 2625 mm                   |

#### **Key features**

- Powerful operations
- Zero tail

- Most versatile Operator comfort
- Sturdy structures Easy to transport

| Specifications        |                          |
|-----------------------|--------------------------|
| Engine Model          | 3TNV76                   |
| Engine Power          | 28.4 HP (21.2 KW)        |
| Operating Weight      | 3270-3650 KG             |
| Bucket Capacity       | 0.04-0.09 m <sup>3</sup> |
| Boom                  | 2280 mm                  |
| Arm                   | 1170 mm                  |
| Swing Speed           | 9.1 rpm                  |
| Travel Speed          | 2.8-4.3 kmph             |
| Bucket Digging Force  | 2770 kgf                 |
| Arm Crowding Force    | 1720 kgf                 |
| Maximum Digging Depth | 2790 mm                  |
| Maximum Digging Reach | 4890 mm                  |