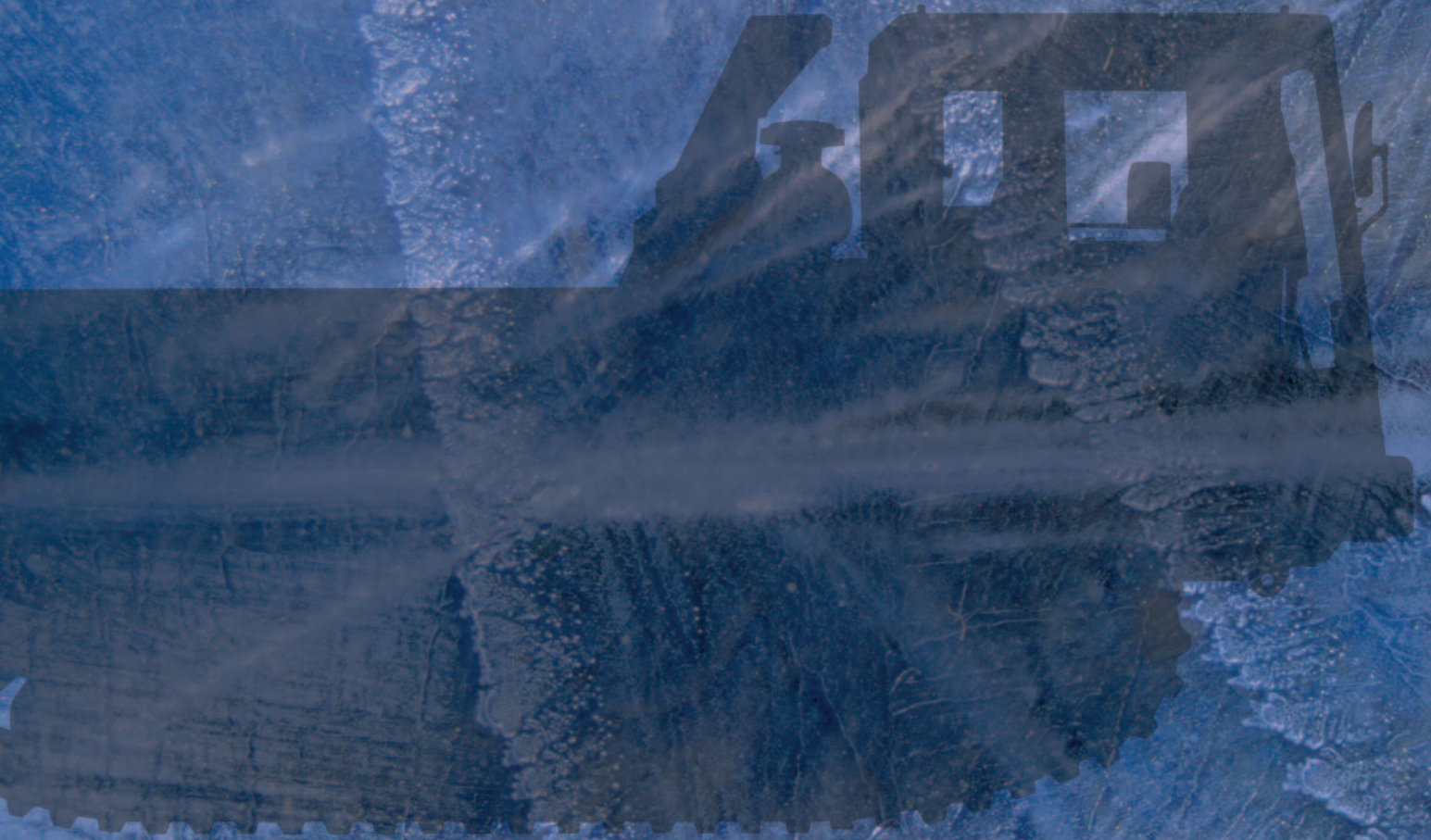


# IHI CRAWLER CARRIERS

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# IHI CRAWLER CARRIERS



## IC-35

- Maximum Payload of 6,600 lbs.
- 2 Speed Manual Travel Hydrostatic Transmission
- Ground pressure from 3.7 empty to 8.7 PSI loaded
- 46 HP Kubota diesel engine
- Bed capacity of 1.8 cu. yds. (heaped)



## IC-45-2

- Maximum Payload of 8,820 lbs.
- 2 Speed Manual Travel Hydrostatic Transmission
- Ground pressure from 3.0 empty to 4.9 PSI loaded
- 99 HP Mitsubshi diesel engine
- Bed capacity of 4.9 cu. yds. (Heaped)
- Available with fully enclosed heated & AC cabin



## Modifications

The IHI crawler carriers can be customized to fit any job application. Modifications include digger derricks, insulated and non insulated man lifts, front and rear winches, and liquid tanks/fire fighting apparatus.





## IC-70-2

- Maximum Payload of 14,300 lbs.
- 2 Speed Automatic Hydrostatic Transmission
- Ground pressure from 2.4 empty to 4.1 PSI loaded
- 224 HP Mitsubishi diesel engine
- Bed capacity of 7.50 cu. yds. (Heaped)
- Available with fully enclosed heated & AC cabin



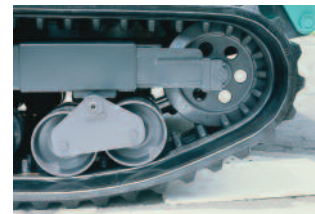
## IC-100-2

- Maximum Payload of 22,000 lbs.
- 2 Speed Automatic Hydrostatic Transmission
- Ground pressure from 3.3 empty to 5.8 PSI loaded
- 249 HP Isuzu diesel engine
- Bed capacity of 10.00 cu. yds. (Heaped)
- Available with fully enclosed heated & AC cabin



### Increased Durability

Heavy-duty lower track frame with sealed components are standard equipment. Oversized bearing have been used in the lower rollers and an abrasion resistant material has been applied to all surfaces of the upper rollers. Cross member technology strengthens dump bed stability and all tracks have been enhanced.



### Maintenance Made Easy

The IHI crawler carriers have decreased the down time associated with maintenance. The lower track frame consists completely of sealed components. All access doors and engine cover are large and easily reached. Drive sprockets on the IC-45-IC-100 are segmented allowing change without track removal.

# IHI CRAWLER CARRIERS



## ■ IC Series Specifications

| Model                            | IC-35                            | IC-45-2                          | IC-70-2                                 | IC-100-2                                |
|----------------------------------|----------------------------------|----------------------------------|---|---|
| <b>• Basic Specifications</b>    |                                  |                                  |   |   |
| Payload (lbs.)                   | 6,600                            | 8,820                            | 14,300                                  | 22,000                                  |
| Operating Weight (lbs.)          | 5,016                            | 13,230                           | 20,680                                  | 29,040                                  |
| <b>• Engine</b>                  |                                  |                                  |   |   |
| Make                             | Kubota                           | Mitsubishi                       | Mitsubishi                              | Isuzu                                   |
| Model                            | V2403-M-DI                       | S6S-DT                           | 6D16 TLI                                | AA 6HKI                                 |
| Horsepower                       | 46 <sup>®</sup> 2700             | 99 <sup>®</sup> 2200             | 224 <sup>®</sup> 2700                   | 249 <sup>®</sup> 2000                   |
| <b>• Dimensions</b>              |                                  |                                  |   |   |
| Total Length                     | 10'6"                            | 14'7"                            | 17'7"                                   | 19'9"                                   |
| Total Width                      | 5'                               | 7'5"                             | 8'5"                                    | 9'4"                                    |
| Total Height                     | 7'5"                             | 8'2"                             | 8'8"                                    | 8'10"                                   |
| <b>• Travel Speed</b>            |                                  |                                  |   |   |
| Low (mph)                        | 3.70                             | 4.30                             | 4.50                                    | 4.50                                    |
| High (mph)                       | 6.50                             | 7.50                             | 7.50                                    | 7.50                                    |
| <b>• Stability</b>               |                                  |                                  |   |   |
| Gradeability                     | 30°                              | 30°                              | 30°                                     | 30°                                     |
| <b>• Fuel Capacity (gal.)</b>    |                                  |                                  |   |   |
|                                  | 13.7                             | 32                               | 52                                      | 79                                      |
| <b>• Crawler</b>                 |                                  |                                  |   |   |
| Between Tumbler Centers          | 6'3"                             | 10'3"                            | 12'8"                                   | 12'5"                                   |
| Crawler Span                     | 5'                               | 7'3"                             | 8'2"                                    | 9'                                      |
| Track Width                      | 12.6"                            | 23.5"                            | 27.5"                                   | 29.5"                                   |
| <b>• Ground Clearance (Min.)</b> |                                  |                                  |   |   |
|                                  | 11.6"                            | 1'7"                             | 1'9"                                    | 1'5"                                    |
| <b>• Ground Pressure</b>         |                                  |                                  |   |   |
| Empty                            | 3.7 PSI                          | 3.0 PSI                          | 2.4 PSI                                 | 3.3 PSI                                 |
| Loaded                           | 8.7 PSI                          | 4.9 PSI                          | 4.1 PSI                                 | 5.8 PSI                                 |
| <b>• Vessel Capacity</b>         |                                  |                                  |   |   |
| Heaped                           | 1.80 cu. yd.                     | 5.00 cu. yd.                     | 7.50 cu. yd.                            | 10.00 cu. yd.                           |
| Struck                           | 1.30 cu. yd.                     | 3.50 cu. yd.                     | 5.00 cu. yd.                            | 7.50 cu. yd.                            |
| <b>• Vessel Dimensions</b>       |                                  |                                  |   |   |
| Length                           | 5'7"                             | 8'6"                             | 10'2"                                   | 11'8"                                   |
| Width                            | 4'7"                             | 6'5"                             | 7'3"                                    | 8'                                      |
| Height                           | 1'5"                             | 1'2"                             | 1'3"                                    | 1'4"                                    |
| <b>• Vessel</b>                  |                                  |                                  |   |   |
| Height From Ground               | 2'6"                             | 3'10"                            | 4'2"                                    | 4'7"                                    |
| Maximum Dumping Angle            | 60°                              | 60°                              | 65°                                     | 65°                                     |
| <b>• Dump Clearance</b>          |                                  |                                  |   |   |
|                                  | 1'6"                             | 2'8"                             | 2'9"                                    | 3'                                      |
| <b>• Travel Drive System</b>     |                                  |                                  |   |   |
|                                  | HST                              | HST                              | HST                                     | HST                                     |
| <b>• Transmission System</b>     |                                  |                                  |   |   |
|                                  | 2 Speed Manual<br>Traction Motor | 2 Speed Manual<br>Traction Motor | 2 Speed Automatic<br>+ Manual Selection | 2 Speed Automatic<br>+ Manual Selection |
| <b>• Brake System</b>            |                                  |                                  |   |   |
|                                  | HST Brake<br>+ Parking Brake     | HST Brake<br>+ Parking Brake     | HST Brake<br>+ Parking Brake            | HST Brake<br>+ Parking Brake            |

**IHI** Ishikawajima Construction Machinery Co., Ltd.



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