

## NITCHI EC4 Series Electric Chain Hoists

### EC4 Electric Chain Hoist

| item No. | Rated load (ton) | Lift (m) | Lifting speed (m/min) |      | Rating (min) | % ED | Load chain |               | Head room (mm) | Net weight (kg) | Grade |
|----------|------------------|----------|-----------------------|------|--------------|------|------------|---------------|----------------|-----------------|-------|
|          |                  |          | 50Hz                  | 60Hz |              |      | Dia. (mm)  | Nos. Of falls |                |                 |       |
| EC40025  | 0.25             | 6.0      | 8.7                   | 10.3 | 30           | 40   | 6.3        | 1             | 485            | 38              | M4    |
| EC40050  | 0.5              |          | 8.6                   | 10.1 |              |      |            |               | 520            | 41              |       |
| EC40100  | 1                |          | 5.6                   | 6.6  |              |      | 7.1        | 1             | 570            | 52              |       |
| ECJ40200 | 2                |          | 2.8                   | 3.3  |              |      |            | 2             | 755            | 65              |       |

EC4 Series are economical electric chain hoists with a wide range of outstanding features for general use.

### ECE4 Motorized Trolley Type Electric Chain Hoist

| item No.  | Rated load (ton) | Lift (m) | Traversing speed (m/min) |      | Rating (min) | I-Beam flange width b (mm) | Minimum radius for curve 9m | Head room (mm) | Net weight (kg) |
|-----------|------------------|----------|--------------------------|------|--------------|----------------------------|-----------------------------|----------------|-----------------|
|           |                  |          | 50Hz                     | 60Hz |              |                            |                             |                |                 |
| ECE40025  | 0.25             | 6.0      | 10                       | 12   | 30           | 75, 100, 125               | 1.0                         | 495            | 66              |
| ECE40050  | 0.5              |          |                          |      |              |                            |                             | 530            | 69              |
| ECE40100  | 1                |          |                          |      |              |                            |                             | 565            | 80              |
| ECJE40200 | 2                |          |                          |      |              |                            |                             | 780            | 114             |

Model EC4 electric chain hoist are also available direct-coupled to motorized, geared or plain trolleys with mechanical joining devices. All of the trolleys are adjustable and will suit the beam widths listed in the tables. Trolleys for the wide and narrow beams are also available at moderate extra charges.



EC4

ECE4

## NITCHI-MATIC MH-5 Series Heavy Duty Industrial Chain Hoists

### MH-5 Electric Chain Hoist

| item No. | Rated load (ton) | Lift (m) | Lifting speed (m/min) |      | Rating (min) | % ED | Load chain |               | Head room (mm) | Net weight (kg) | Grade |
|----------|------------------|----------|-----------------------|------|--------------|------|------------|---------------|----------------|-----------------|-------|
|          |                  |          | 50Hz                  | 60Hz |              |      | Dia. (mm)  | Nos. Of falls |                |                 |       |
| MH5005   | 0.5              | 6.0      | 8.6                   | 10.0 | 30           | 40   | 7.1        | 1             | 550            | 53              | M5    |
| MH5010   | 1                |          | 6.2                   | 7.3  |              |      | 7.1        | 1             | 560            | 55              | M4    |
| MH5020   | 2                |          | 6.7                   | 7.9  |              |      | 11.2       | 1             | 725            | 100             | M5    |
| MH5030   | 3                |          | 4.4                   | 5.2  |              |      | 11.2       | 1             | 765            | 102             | M4    |
| MH5050   | 5                |          | 2.6                   | 3.1  |              |      | 11.2       | 2             | 925            | 130             | M4    |
|          |                  |          |                       |      |              |      |            |               |                |                 |       |

The NITCHI-MATIC Model MH-5 Series is a line of premium quality electric chain hoists that are designed especially to fulfill the severe requirements of industrial. A multitude of special heavy duty features are employed into the NITCHI-MATIC MH-5 Series for extra efficiency, dependability, durability and safety.

### EMT-MH-5 Motorized Trolley Type Electric Chain Hoist

| item No. | Rated load (ton) | Lift (m) | Traversing speed (m/min) |      | Rating (min) | I-Beam flange width b (mm) | Minimum radius for curve 9m | Head room (mm) | Net weight (kg) |               |     |      |     |
|----------|------------------|----------|--------------------------|------|--------------|----------------------------|-----------------------------|----------------|-----------------|---------------|-----|------|-----|
|          |                  |          | 50Hz                     | 60Hz |              |                            |                             |                |                 |               |     |      |     |
| MHE5005  | 0.5              | 6.0      | 20                       | 24   | 30           | 75, 100, 125               | 1.0                         | 535            | 84              |               |     |      |     |
| MHE5010  | 1                |          | 20                       | 24   |              |                            |                             |                |                 | 75, 100, 125  | 1.0 | 545  | 86  |
| MHE5020  | 2                |          | 20                       | 24   |              |                            |                             |                |                 | 100, 125, 150 | 1.0 | 725  | 153 |
| MHE5030  | 3                |          | 20                       | 24   |              |                            |                             |                |                 | 100, 125, 150 | 1.5 | 805  | 172 |
| MHE5050  | 5                |          | 10                       | 12   |              |                            |                             |                |                 | 125, 150, 175 | 1.5 | 975  | 219 |
| MHE5075  | 7.5              |          | 10                       | 12   |              |                            |                             |                |                 | 150, 175      | 1.5 | 1065 | 290 |

In addition to hoisting and lowering, Model EMT-MH-5 (1-speed trolley) can transport heavy loads swiftly with great efficiency and complete safety. 0.5 ton to 7.5 ton trolleys can be adjusted to fit the different beam sizes in the table by simple relocation of the spacing washers to the inside or to the outside of the frame. The drop-foret steel trolley wheels are heat-treated and have precision bearings to provide smooth and easy travel.



MH-5

EMT-MH-5

# NITCHI Manual Chain Hoist & Trolley

## NITCHI H50-A & HE-50A Series Hand-operated Chain Hoist

### H-50A Chain Hoist

| Rated load (ton) | Lift (m) | Load chain |              | Pulling efforts (N) | Head room (mm) | Net weight (kg) |
|------------------|----------|------------|--------------|---------------------|----------------|-----------------|
|                  |          | Dia. (mm)  | Nos of falls |                     |                |                 |
| 0.5              | 2.5      | 5          | 1            | 206                 | 260            | 8               |
| 1                |          | 6.3        | 1            | 235                 | 300            | 10.5            |
| 1.6              |          | 7.1        | 1            | 289                 | 345            | 15              |
| 2                | 3.0      | 8          | 1            | 329                 | 380            | 21              |
| 3.2              |          | 10         | 1            | 373                 | 435            | 30.5            |
| 5                | 3.5      | 7.1        | 3            | 353                 | 575            | 35              |
| 10               |          | 10         | 3            | 422                 | 790            | 76              |
| 16               |          | 10         | 5            | 461                 | 1040           | 155             |
| 20               |          | 10         | 6            | 441x2               | 1080           | 250             |
| 25               |          | 10         | 8            | 431x2               | 1100           | 320             |
| 32               |          | 10         | 10           | 461x2               | 1470           | 440             |
| 40               |          | 10         | 14           | 451x2               | 1700           | 650             |
| 50               | 10       | 20         | 461x2        | 1820                | 850            |                 |

### HE-50A Chain Hoist

| Rated load (ton) | Lift (m) | Load chain |              | Pulling efforts (N) | Head room (mm) | Net weight (kg) |
|------------------|----------|------------|--------------|---------------------|----------------|-----------------|
|                  |          | Dia. (mm)  | Nos of falls |                     |                |                 |
| 0.5              | 2.5      | 5          | 1            | 245                 | 260            | 8               |
| 1                |          | 6.3        | 1            | 265                 | 300            | 10.5            |
| 1.6              |          | 7.1        | 1            | 324                 | 345            | 15              |
| 2                | 3.0      | 8          | 1            | 392                 | 380            | 21              |

H-50A Series are chain hoists for touch heavy-duty industrial use, and HE-50A series are highly economical, lightweight and compact chain hoists that are ideal for general use.

### HGB-50A Geared Trolley Type Chain Hoist

### HPB-50A Plain Trolley Type Chain Hoist

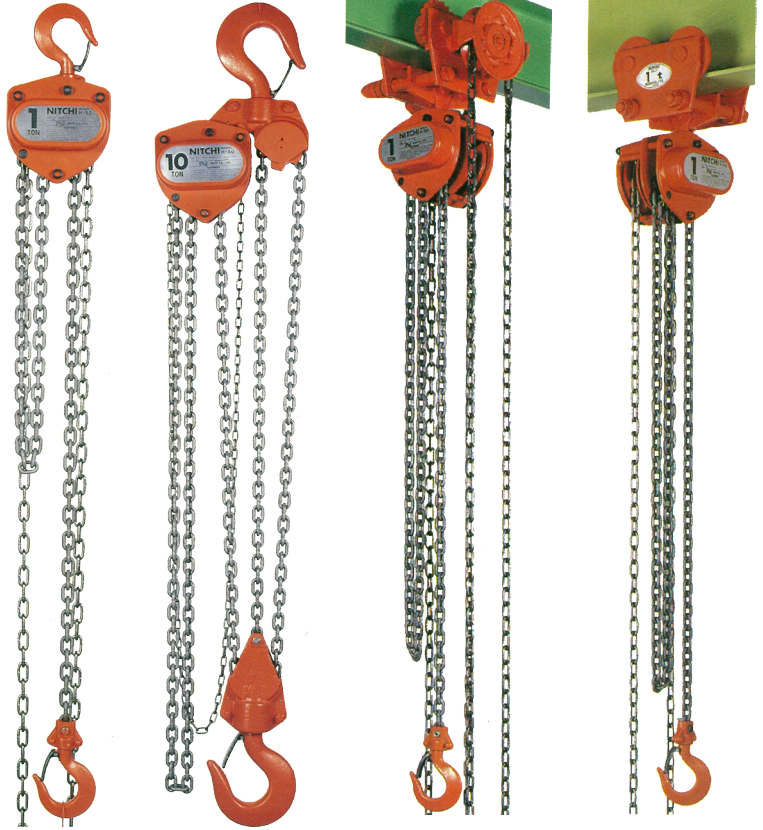
| HGB-50A & HPB-50A |          |                |                            |                              | HGB-50A         | HPB-50A         |
|-------------------|----------|----------------|----------------------------|------------------------------|-----------------|-----------------|
| Rated load (ton)  | Lift (m) | Head room (mm) | I-Beam flange width b (mm) | Minimum radius for curve (m) | Net weight (kg) | Net weight (kg) |
| 0.5               | 2.5      | 245            | 75, 100, 125               | 800                          | 17              | 14              |
| 1                 |          | 285            | 75, 100, 125               | 1000                         | 22              | 18              |
| 1.6               |          | 340            | 75, 100, 125               | 1100                         | 29              | 25              |
| 2                 | 3.0      | 375            | 100, 125, 150              | 1200                         | 43              | 37              |
| 3.2               |          | 415            | 100, 125, 150              | 1500                         | 61              | 55              |
| 5                 | 3.5      | 555            | 125, 150, 175              | 1500                         | 80              | 73              |
| 10                |          | 710            | 150, 175                   | 3000                         | 175             |                 |
| 16                |          | 940            | 175.0                      | 5000                         | 430             |                 |

HGB-50A and HPB-50A Series are Chain hoists that are direct-coupled to Trolleys for achieving the shortest possible drawn-up dimension, which is essential for utilizing precious space.

### GT-5 Geared Trolley & PT-5 Plain Trolley

| GT-5 & PT-5      |          |                            |                              | GT-5            | PT-5            |
|------------------|----------|----------------------------|------------------------------|-----------------|-----------------|
| Rated load (ton) | Lift (m) | I-Beam flange width b (mm) | Minimum radius for curve (m) | Net weight (kg) | Net weight (kg) |
| 0.5              | 2.5      | 75, 100, 125               | 800                          | 9               | 6               |
| 1                |          | 75, 100, 125               | 1000                         | 12              | 8               |
| 1.6              |          | 75, 100, 125               | 1100                         | 15              | 11              |
| 2                | 3.0      | 100, 125, 150              | 1200                         | 23              | 7               |
| 3.2              |          | 100, 125, 150              | 1500                         | 32              | 26              |
| 5                | 3.5      | 125, 150, 175              | 1500                         | 52              | 45              |
| 10               |          | 150, 175                   | 3000                         | 115             |                 |

GT-5 and PT-5 Series are hand operated trolleys that can efficiently transport loads when used with chain hoists.



HE-50A  
1 ton

H-50A  
10 ton

HGB-50A

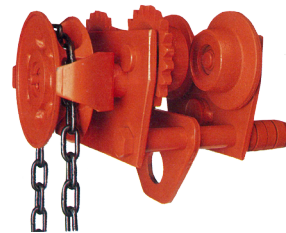
HPB-50A

## NITCHI Trolleys (GT & PT)

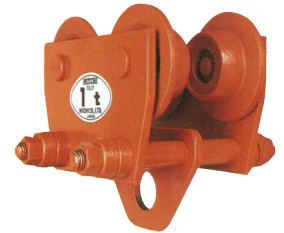
0.5 ton to 10 ton capacities (for hand chain hoists)  
The heavy-duty NITCHI Trolleys have extremely low headrooms and are designed and made for the efficient transportation of loads.



RB5



GEARED TROLLEY (GT)



PLAIN TROLLEY (PT)

### RBP1 & RB5 Lever Hoist

| Item No. | Rated load (ton) | Lift (m) | Load chain |       | Head room G (mm) | Lever length | Pulling efforts P (N) | Net weight (kg) |
|----------|------------------|----------|------------|-------|------------------|--------------|-----------------------|-----------------|
|          |                  |          | Dia. (mm)  | Fills |                  |              |                       |                 |
| RBP10025 | 0.25             | 1.0      | 4          | 1     | 235              | 155          | 314                   | 1.9             |
| RB50050  | 0.5              | 1.0      | 4          | 1     | 280              | 275          | 416                   | 3.5             |
| RB50080  | 0.8              | 1.5      | 5.6        | 1     | 290              | 235          | 260                   | 5.5             |
| RB50160  | 1.6              |          | 7.1        | 1     | 330              | 370          | 305                   | 9.6             |
| RB50320  | 3.2              |          | 9          | 1     | 430              | 370          | 385                   | 16.3            |
| RB50630  | 6.3              |          | 9          | 2     | 580              | 370          | 390                   | 30.5            |



RBP1

RB5 Series are robust Lever hoists for vertically, horizontally and angle applications. Our original Free-wheeling system on RB5 makes safe and speedy operation possible. RB5 are also available with overload protection.