

|                                        |      | DLH-NG             | DLH-M100           | DLH-JNG            | DLE-NG             | DLE M / DLEM100                           | DLE-JNG            | DLC-NG             |
|----------------------------------------|------|--------------------|--------------------|--------------------|--------------------|-------------------------------------------|--------------------|--------------------|
| General                                |      |                    |                    |                    |                    |                                           |                    |                    |
| Capacity                               |      | 60 kN              | 100 kN             | 60 kN              | 60 kN              | 60 kN / 100kN*                            | 60 kN              | 60/20 kN           |
| Construction                           |      | Modular            | Modular            | Modular            | Modular            | Modular                                   | Modular            | Modular            |
| Dimensions / weight                    |      |                    |                    |                    |                    |                                           |                    |                    |
| Platform length (L2)                   | Min. | 2000               | 2000               | 3500               | 2000               | 2000                                      | 3500               | 4500               |
|                                        | Max. | 4000               | 4000               | 5000               | 3000               | 4000                                      | 5000               | 5000               |
| Width (B)                              | Min. | 1830               | 2000               | 2000               | 2000               | 2000                                      | 2000               | 2000               |
|                                        | Max. | 2250               | 2250               | 2250               | 2250               | 2250                                      | 2250               | 2250               |
| Construction height                    |      | 600                | 600                | 750/900            | 700                | 700                                       | 750/900            | 1000               |
| Effective Working range above dock (O) | Min. | 160                | 165                | 240                | 270                | 310                                       | 380                | 480                |
|                                        | Max. | 350                | 345                | 640                | 455                | 465                                       | 720                | 600                |
| Effective working range under dock (U) | Min. | -270               | -275               | -410               | -340               | -340                                      | -440               | -600               |
|                                        | Max. | -305               | -315               | -620               | -465               | -450                                      | -700               | -800               |
| Weight                                 | Min. | 545                | 541                | 905                | 741                | 952                                       | 1280               | 1620               |
|                                        | Max. | 1319               | 1788               | 1564               | 1272               | 1898                                      | 2070               | 1880               |
| Top platform                           |      |                    |                    |                    |                    |                                           |                    |                    |
| Drive                                  |      | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic                           | Elec. hydraulic    | Elec. hydraulic    |
| Construction                           |      | Durbar plate 6/8   | Durbar plate 8/10  | Durbar plate 6/8   | Durbar plate 8/10  | Durbar plate 8/10                         | Durbar plate 8/10  | Durbar plate 8/10  |
| Hydraulic system                       |      |                    |                    |                    |                    |                                           |                    |                    |
| Operating pressure (ca.)               |      | 100 bar            | 100 bar            | 100 bar            | 100 bar            | 100 bar                                   | 100 bar            | 100 bar            |
| Ø Outside main cylinder (2x)           |      | 50 mm              | 50 mm              | 50 mm              | 50 mm              | 50 mm                                     | 50 mm              | 50 mm              |
| Operating temperature (*Celsius)       | Min. | -30°               | -30°               | -30°               | -30°               | -30°                                      | -30°               | -30°               |
|                                        | Max. | +50°               | +50°               | +50°               | +50°               | +50°                                      | +50°               | +50°               |
| Drive                                  |      |                    |                    |                    |                    |                                           |                    |                    |
| Powerpack                              |      | 0,75 kW            | 0,75 kW            | 0,75 kW            | 1,1 kW             | 1,1 kW                                    | 1.1 kW             | 1,1 kW             |
| Power supply                           |      | 400V/50Hz/2,5A     | 400V/50Hz/2,5A     | 400V/50Hz/2,5A     | 400V/50Hz/2,5A     | 400V/50Hz/2,5A                            | 400V/50Hz/2,5A     | 400V/50Hz/2,5A     |
| Control current                        |      | 24 VDC             | 24 VDC             | 24 VDC             | 24 VDC             | 24 VDC                                    | 24 VDC             | 24 VDC             |
| Protection class                       |      | IP 54              | IP 54              | IP 54              | IP 54              | IP 54                                     | IP 54              | IP 54              |
| Lip                                    |      |                    |                    |                    |                    |                                           |                    |                    |
| Movement                               |      | Hinged             | Hinged             | Hinged             | Telescopic         | Telescopic                                | Telescopic         | Telescopic         |
| Drive                                  |      | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic    | Elec. hydraulic                           | Elec. hydraulic    | Elec. hydraulic    |
| Length                                 |      | 400 mm             | 400 mm             | 400 mm             | 0 ~ 500 mm         | 0 ~ 500 mm                                | 0 ~ 500 mm         | 0 ~ 500 mm         |
| Angle                                  |      | 4°                 | 4°                 | 4°                 | 5°                 | 5°                                        | 5°                 | 5°                 |
| Construction                           |      | Durbar plate 12/14 | Durbar plate 20/22 | Durbar plate 12/14 | Durbar plate 12/14 | Durbar plate 12/14<br>Durbar plate 20/22* | Durbar plate 12/14 | Durbar plate 12/14 |
| Ø Outside lip cylinder                 |      | 45 mm              | 55 mm              | 45 mm              | 50 mm              | 50 mm                                     | 50 mm              | 50 mm              |
| Security                               |      |                    |                    |                    |                    |                                           |                    |                    |
| Toe guards                             |      | Both sides         | Both sides         | Both sides         | Both sides         | Both sides                                | Both sides         | Both sides         |
| Maintenance strut                      |      | Included           | Included           | Included           | Included           | Included                                  | Included           | Included           |
| Full hydraulic safety stop             |      | Included           | Included           | Included           | Included           | Included                                  | Included           | Included           |
| Emergency stop switch                  |      | Included           | Included           | Included           | Included           | Included                                  | Included           | Included           |
| Thermo relay                           |      | Included           | Included           | Included           | Included           | Included                                  | Included           | Included           |

\*) this value is valid with a capacity of 100kN

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