

## H400 Series Harvester Heads technical data

| SPECIFICATIONS   | H413   | H424   | H480C   | H415/H415HD   |
|--|--|--|---|---|
| <b>DIMENSIONS [mm]</b>                                   |  |  |   |   |
| Width, head open   | 1450   | 1570   | 1880  | 1720  |
| Width, head closed                                       | 1140   | 1290   | 1200  | 1220  |
| Height without rotator and link                          | 1330   | 1400   | 1450  | 1510  |
| <b>WEIGHT [kg]</b>                                       |  |  |   |   |
| Without rotator and link, from                           | 940  | 1105   | 1350  | 1370 (1415)   |
| <b>FELLING/CUTTING</b>                                   |  |  |   |   |
| SuperCut 100 saw unit, automatic chain tensioning        | Standard   | Standard   | Standard  | Standard  |
| Maximum cut diameter [mm]                                | 580  | 620  | 710   | 750   |
| Length of saw bar [mm]                                   | 640/750  | 750  | 825/900   | 825/900   |
| Chain type   | .404   | .404   | .404  | .404  |
| Chain speed [m/s]  | 40   | 40   | 40  | 40  |
| <b>FEEDING, FOUR-WHEEL-DRIVE with steel feed rollers</b> |  |  |   |   |
| Gross feed force [kN]                                    | 250 / 400-cc motors: 19<br>315 / 500-cc motors: 23 | 400 / 620-cc motors: 27<br>315 / 503-cc motors: 21.5 | 400 / 630-cc motors: 27<br>500 / 800-cc motors: 30<br>500 / 780-cc motors: 30 | 400 / 630-cc motors: 27<br>500 / 780-cc motors: 30<br>315 / 1014-cc motors: 25–42 |
| Maximum feed speed [m/s]                                 | 4.8–5.6  | 4.5–6.0  | 4.0–6.5   | 2.9–7.0   |
| Maximum roller opening [mm]                              | 560  | 640  | 680   | 680   |
| <b>DELIMBING [mm]</b>                                    |  |  |   |   |
| Delimiting knives  | 4 moving, 2 fixed                                  | 4 moving, 2 fixed                                    | 4 moving, 2 fixed   | 4 moving, 2 fixed   |
| Delimiting diameter tip to tip                           | 420  | 430  | 460   | 460   |
| Maximum opening upper knives                             | 560  | 610  | 680   | 680   |
| Maximum opening lower knives                             | 570  | 670  | 710   | 730   |
| <b>HYDRAULIC SYSTEM</b>                                  |  |  |   |   |
| Maximum operating pressure [MPa]                         | 28   | 28   | 28  | 28  |
| Recommended pump capacity [l/min.]                       | 240–280  | 200–340  | 260–340   | 260–340   |
| <b>CONTROL AND MEASURING SYSTEM</b>                      |  |  |   |   |
| For adaptation, contact your local John Deere dealer.    |  |  |   |   |
| <b>OPTIONAL EQUIPMENT</b>                                |  |  |   |   |
| Color marking  | Yes  | Yes  | Yes   | Yes   |
| Stump treatment  | Yes  | Yes  | Yes   | Yes   |
| Multi-tree-handling (MTH)                                | Yes  | Yes  | Yes   | Yes   |
| Mense feed rollers                                       | Yes  | Yes  | Yes   | Yes   |
| Moipu feed rollers                                       | Yes  | Yes  | Yes   | Yes   |
| Steel thumbnail feed rollers                             | Yes  | Yes  | Yes   | Yes   |
| Steel V-profile feed rollers                             | Yes  | Yes  | Yes   | Yes   |
| Steel ribbed feed rollers                                | Yes  | No   | No  | Yes   |
| Chain and saw bar kits                                   | Yes  | Yes  | Yes   | Yes   |
| Hydraulic hose kit                                       | Yes  | Yes  | Yes   | Yes   |
| Top saw  | No   | No   | No  | Yes   |
| <b>OTHER ACCESSORIES</b>                                 |  |  |   |   |
| For more information, please contact your dealer.        |  |  |   |   |

\*Please note: Measurements are guidelines only and may vary depending on production tolerances. The manufacturer reserves the right to make changes. All product names featured in this brochure are registered trademarks of John Deere Forestry Oy.

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