



# DAH BOOM-MOUNTED MULCHERS



Industrial Land Clearing



Forest Fire Prevention



Road Development and Maintenance



Development and Maintenance of Pipelines



Development and Maintenance of Transmission Lines

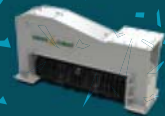


## Reach High Performances in Brushcutting.

Top-speed industrial mulching attachments for excavators and backhoes.

**DENIS CIMA**

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Cutting-edge technology  
High-end performances



### Motor

Variable displacement, axial-piston motors that minimize overheating and improve re-acceleration.



### Drive

Industrial cogged belt drive system that prevents slippage and reduces effort applied to bearings compared with V-belts, for longer bearing life.



### Knives

Heat-treated, bolt-on forged knives that deliver maximum resistance to impact and abrasion, and that can be sharpened right on the unit.



### Rings

Protective rings that limit the size of the bites and considerably reduce risks of breakage on the knife holders.

Two, chevron-like rows of knives that direct the brushes towards the center of the rotor rather than to one of its extremities.



Easy-to-replace knives: A single nut and bolt holds the knife in place. Replacing worn knives is a snap.



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### Development and Maintenance of Pipelines



### Development and Maintenance of Transmission Lines



### DAH-150Er

### DAH-150E

### DAH-100E

### DAH-125D

### DAH-100D

### DAH-080C



Excavator

from 27 to 35 t  
(60 000 to 77 000 lb)

from 20 to 27 t  
(44 000 to 60 000 lb)

from 16 to 22 t  
(35 000 to 49 000 lb)

from 12 to 18 t  
(26 000 to 40 000 lb)

from 10 to 15 t  
(22 000 to 33 000 lb)

from 7 to 10 t  
(15 000 to 22 000 lb)



Cutting width

145 cm (57 inch)

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109 cm (43 inch)

121 cm (48 inch)

109 cm (43 inch)

80 cm (32 inch)



Number of knives on rotor

21

21

15

17

15

11



Min. required hydraulic power

210 L/min @ 275 bar  
(55 gal/min @ 4 000 psi)

150 L/min @ 275 bar  
(40 gal/min @ 4 000 psi)

115 L/min @ 275 bar  
(30 gal/min @ 4 000 psi)

95 L/min @ 240 bar  
(25 gal/min @ 3 500 psi)

75 L/min @ 240 bar  
(20 gal/min @ 3 500 psi)

65 L/min @ 240 bar  
(17 gal/min @ 3 500 psi)



Weight (approx.)

1 745 kg  
(3 840 lb)

1 605 kg  
(3 540 lb)

1 315 kg  
(2 890 lb)

1 060 kg  
(2 330 lb)

998 kg  
(2 200 lb)

685 kg  
(1 510 lb)

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## TECHNICAL SPECIFICATIONS

| DIMENSIONS AND WEIGHTS                   | DAH-150Er                           | DAH-150E                            | DAH-100E                             | DAH-125D                            | DAH-100D                            | DAH-080C                           |
|--|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|
| Cutting width                            | 145 cm (57 in)                      | 145 cm (57 in)                      | 109 cm (43 in)                       | 121 cm (48 in)                      | 109 cm (43 in)                      | 80 cm (32 in)                      |
| Cutting distance from ground level       | 2 cm (1.0 in)                       | 2 cm (1.0 in)                       | 2 cm (1.0 in)                        | 2 cm (0.9 in)                       | 2 cm (0.9 in)                       | 3 cm (1.1 in)                      |
| Exterior width                           | 197 cm (78 in)                      | 197 cm (78 in)                      | 160 cm (63 in)                       | 165 cm (65 in)                      | 152 cm (60 in)                      | 121 cm (48 in)                     |
| Height                                   | 104 cm (41 in)                      | 104 cm (41 in)                      | 104 cm (41 in)                       | 90 cm (35 in)                       | 90 cm (35 in)                       | 82 cm (32 in)                      |
| Depth                                    | 74 cm (29 in)                       | 74 cm (29 in)                       | 74 cm (29 in)                        | 69 cm (27 in)                       | 69 cm (27 in)                       | 64 cm (25 in)                      |
| Rotor diameter                           | 51 cm (20 in)                       | 51 cm (20 in)                       | 51 cm (20 in)                        | 46 cm (18 in)                       | 46 cm (18 in)                       | 43 cm (17 in)                      |
| Weight, typical (approx.)                | 1660 kg (3660 lb)                   | 1545 kg (3400 lb)                   | 1260 kg (2780 lb)                    | 1005 kg (2220 lb)                   | 720 kg (1580 lb)                    | 640 kg (1420 lb)                   |
| Weight, with all options (approx.)       | 1745 kg (3840 lb)                   | 1605 kg (3540 lb)                   | 1315 kg (2890 lb)                    | 1060 kg (2330 lb)                   | 998 kg (2200 lb)                    | 685 kg (1510 lb)                   |
| HYDRAULIC SYSTEM                         | DAH-150Er                           | DAH-150E                            | DAH-100E                             | DAH-125D                            | DAH-100D                            | DAH-080C                           |
| Variable displacement axial piston motor | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Required continuous flow minimum         | 210 L/min (55 gal/min)              | 150 L/min (40 gal/min)              | 115 L/min (30 gal/min)               | 95 L/min (25 gal/min)               | 75 L/min (20 gal/min)               | 65 L/min (17 gal/min)              |
| Operating pressure                       | 275 bar (4000 psi)                  | 275 bar (4000 psi)                  | 275 bar (4000 psi)                   | 240 bar (3500 psi)                  | 240 bar (3500 psi)                  | 240 bar (3500 psi)                 |
| Rotating speed                           | 3000 r/min                          | 3000 r/min                          | 3000 r/min                           | 3000 r/min                          | 2400 r/min                          | 2800 r/min                         |
| Pressure line                            | #20 (1.25 in)                       | #16 (1.00 in)                       | #16 (1.00 in)                        | #16 (1.00 in)                       | #12 (0.75 in)                       | #12 (0.75 in)                      |
| Return line                              | #20 (1.25 in)                       | #20 (1.25 in)                       | #20 (1.25 in)                        | #16 (1.00 in)                       | #12 (0.75 in)                       | #12 (0.75 in)                      |
| Drain line                               | #12 (0.75 in)                       | #12 (0.75 in)                       | #12 (0.75 in)                        | #8 (0.50 in)                        | #8 (0.50 in)                        | #8 (0.50 in)                       |
| FEATURES                                 | DAH-150Er                           | DAH-150E                            | DAH-100E                             | DAH-125D                            | DAH-100D                            | DAH-080C                           |
| Excavator size                           | from 27 to 35 t (60000 to 77000 lb) | from 20 to 30 t (44000 to 60000 lb) | from 16 to 22 t (35000 to 49 000 lb) | from 12 to 18 t (26000 to 40000 lb) | from 10 to 15 t (22000 to 33000 lb) | from 7 to 10 t (15000 to 22000 lb) |
| Approximate carrier power                | 142 kW (192 hp) and up              | 96 kW (130 hp) and up               | 74 kW (100 hp) and up                | 59 kW (80 hp) and up                | 48 kW (65 hp) and up                | 40 kW (54 hp) and up               |
| Number of blades on rotor                | 21                                  | 21                                  | 15                                   | 17                                  | 15                                  | 11                                 |
| Fixed knives                             | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Bolted blades                            | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Sharpenable blades                       | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Thermally-treated, forged-steel blades   | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Low and easy maintenance                 | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Heavy-duty construction                  | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Simple to install                        | •                                   | •                                   | •                                    | •                                   | •                                   | •                                  |
| Target material diameter                 | 50 cm (20 in)                       | 40 cm (15 in)                       | 40 cm (15 in)                        | 25 cm (10 in)                       | 15 cm (6 in)                        | 10 cm (4 in)                       |

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