DENIS CIMAF

THE **TECHNICAL** EDGE
IN **MULCHING**

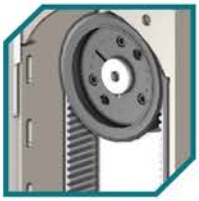
MULCHING ATTACHMENTS PORTFOLIO

DAH

BOOM-MOUNTED MULCHERS

Motor
Variable displacement, axial-piston motor that minimizes overheating and improves 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.

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

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

Replaceable bolt-in liner increases the frame durability

New tilt option offers higher productivity owing to increased agressiveness.

Two chevron-like rows of knives thathelp reduce vibration during operation.
Smaller B-sized rotor have a aligned knives configuration to help with rotor suction instead

DAH

BOOM-MOUNTED MULCHERS

SPECIFICATIONS	DAH-150Er	DAH-150E	DAH-125D	DAH-100C	DAH-085B	DAH-065B
Excavator Size [t (lbs)]	27 - 35 (54000 - 70000)	20 - 27 (40000 - 54000)	16 - 22 (32000 - 44000)	10 - 15 (20000 - 30000)	8 - 10 (16000 - 20000)	5 - 8 (10000 - 16000)
Recommended Minimum Carrier Power [kW (hp)]	142 (192)	96 (130)	59 (80)	48 (65)	40 (54)	37 (50)
Cutting width [cm (in)]	145 (57)	145 (57)	121 (48)	108 (42)	87 (34)	65 (26)
Cutting Distance from Ground Level [cm (in)]	2 (0.75)	2 (0.75)	2 (0.75)	2 (0.75)	2 (0.75)	2 (0.75)
Number of Blades on Rotor	21	21	17	15	15	11
Optimal Target Material Diameter [cm (in)]	50 (20)	40 (15)	25 (10)	15 (6)	10 (4)	≤ 10 (4)
Exterior Length [cm (in)]	200 (79)	200 (79)	165 (65)	152 (60)	120 (47)	100 (39)
Exterior Height [cm (in)]	119 (47)	112 (44)	96 (38)	127 (50)	79 (31)	84 (44)
Exterior Width [cm (in)]	81 (32)	81 (32)	74 (29)	76 (30)	66 (26)	66 (26)
Rotor Diameter [cm (in)]	51 (20)	51 (20)	46 (18)	43 (17)	35 (14)	35 (14)
Approximate Typical Weight [kg (lbs)]	1700 (3740)	1530 (3370)	1005 (2220)	715 (1570)	510 (1120)	420 (920)

HYDRAULIC SYSTEM	DAH-150Er	DAH-150E	DAH-125D	DAH-100C	DAH-085B	DAH-065B
Variable Displacement Axial Piston Motor [cc]	170	115	115	85	60	28
Min. Required Continuous Flow [L/min (gal/min)]	205 (54)	136 (36)	121 (32)	102 (27)	95 (25)	45 (12)
Max. Operating Pressure [bar (psi)]	350 (5000)	350 (5000)	350 (5000)	350 (5000)	275 (4000)	275 (4000)
Rotating Speed [rpm]	3000	3000	3000	3000	4000	4000
Pressure Line I.D. [# (in)]	#20 (1.25)	#16 (1.00)	#16 (1.00)	#12 (0.75)	#10 (0.625)	#10 (0.625)
Return Line I.D. [# (in)]	#20 (1.25)	#16 (1.00)	#16 (1.00)	#12 (0.75)	#10 (0.625)	#10 (0.625)
Drain Line I.D. [# (in)]	#12 (0.75)	#12 (0.75)	#12 (0.75)	#12 (0.75)	#8 (0.50)	#8 (0.50)

OPTIONS	DAH-150Er	DAH-150E	DAH-125D	DAH-100C	DAH-085B	DAH-065B
Type of Sharpenable Bolt-on Forged Blades	Standard	Standard	Standard	Standard	V-back	V-back
Tilt System	✓	✓	✓	✓	✓	✗
Bolt-on Wear Liner	✓	✓	✓	✓	✗	✗
Approximate Weight (All Options) [kg (lbs)]	2100 (4640)	1865 (4100)	1320 (2900)	910 (2000)	545 (1200)	455 (1000)

These are minimum requirements; call your DENIS CIMAF's Sale Representative for guidance in selecting the best match.
This information is subject to change without notice.

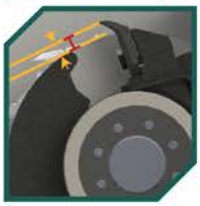
DAF

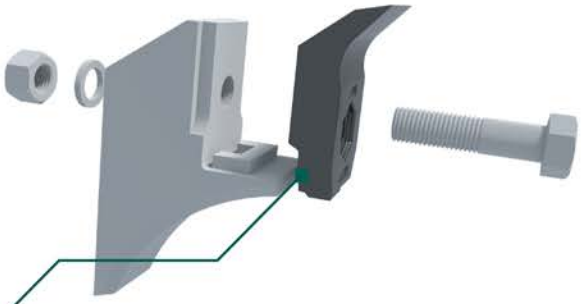
FRONT-MOUNTED MULCHERS

Motor
One or two 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.

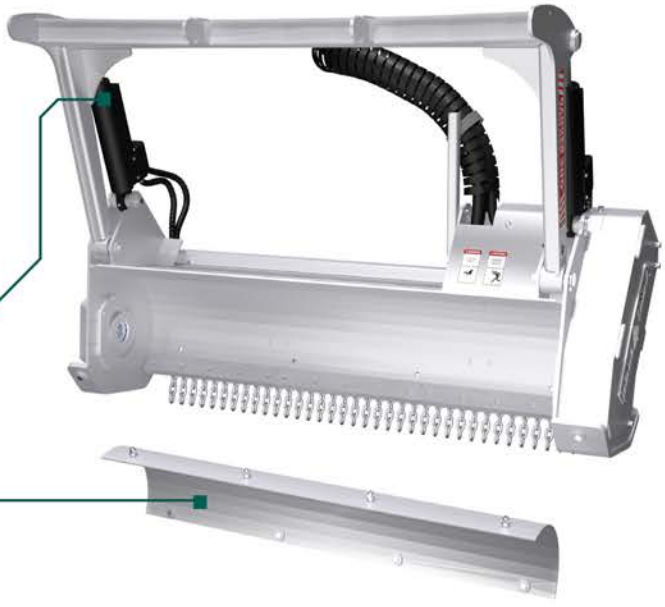
Rings
Protective rings that limit the size of the bites and considerably reduce risks of breakage on the knife holders.





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

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



Hydraulic pushbar option
Especially useful when working in older growth as a secure way to direct where big trees will fall when cutting them down

Replaceable liner
With the high speeds and forces involved in industrial mulching, even the hardest steel frame is subject to wear and tear. This easy-to-replace, bolt-in wear liner extends the lifetime of the unit by protecting the frame.

DAF

FRONT-MOUNTED MULCHERS

SPECIFICATIONS	DAF-250Ex	DAF-225Ex	DAF-225E	DAF-180E	DAF-180D	DAF-150D
Approximate Min. Carrier Power [kW (hp)]	190 (250)	150 (200)	130 (175)	95 (125)	65 (85)	60 (75)
Cutting Width [cm (in)]	251 (99)	216 (85)	222 (88)	189 (74)	189 (74)	150 (59)
Cutting Distance from Ground Level [cm (in)]	1 (0.4)	1 (0.4)	1 (0.4)	1 (0.4)	1 (0.4)	1 (0.4)
Number of Blades on Rotor	35	31	31	27	27	21
Optimal Target Material Diameter [cm (in)]	60 (24)	60 (24)	40 (15)	25 (10)	20 (8)	15 (6)
Exterior Width [cm (in)]	261 (103)	258 (102)	254 (100)	223 (88)	219 (87)	182 (72)
Exterior Height (with Pushbar) [cm (in)]	155 (61)	148 (58)	140 (55)	141 (55)	147 (58)	150 (59)
Exterior Width (with Pushbar) [cm (in)]	127 (50)	130 (51)	139 (55)	115 (45)	131 (51)	122 (48)
Exterior Height (without Pushbar) [cm (in)]	98 (38)	96 (38)	98 (38)	94 (37)	112 (44)	66 (26)
Exterior Width (without Pushbar) [cm (in)]	83 (33)	83 (33)	83 (33)	69 (27)	79 (31)	72 (29)
Rotor Diameter [cm (in)]	51 (20)	51 (20)	51 (20)	51 (20)	46 (18)	46 (18)
Approximate Typical Weight [kg (lbs)]	2450 (5400)	2360 (5200)	2140 (4700)	1500 (3300)	1450 (3200)	1050 (2300)

HYDRAULIC SYSTEM	DAF-250Ex	DAF-225Ex	DAF-225E	DAF-180E	DAF-180D	DAF-150D
Variable Displacement Axial Piston Motor [cc]	**2x** 115	**2x** 115	**1x** 170	**1x** 115	**1x** 115	**1x** 85
Required Continuous Flow [L/min (gal/min)]	276 (73)	276 (73)	205 (54)	170 (45)	115 (30)	87 (23)
Max. Operating Pressure [bar (psi)]	240 (3500)	240 (3500)	240 (3500)	240 (3500)	240 (3500)	240 (3500)
Rotating Speed [rpm]	2500	2500	2500	2500	2500	2500
Pressure Line I.D. [# (in)]	#20 (1.25)	#20 (1.25)	#16 (1.00)	#16 (1.00)	#16 (1.00)	#12 (0.75)
Return Line I.D. [# (in)]	#20 (1.25)	#20 (1.25)	#16 (1.00)	#16 (1.00)	#16 (1.00)	#12 (0.75)
Drain Line I.D. [# (in)]	#16 (1.00)	#16 (1.00)	#12 (0.75)	#10 (0.675)	#10 (0.675)	#8 (0.5)

OPTIONS	DAF-250Ex	DAF-225Ex	DAF-225E	DAF-180E	DAF-180D	DAF-150D
Type of Sharpenable Bolt-on Forged Blades	Standard	Standard	Standard	Standard	Standard	Standard
Hydraulic Pushbar	✓	✓	✓	✓	✓	✓
Bolt-On Wear liner	✓	✓	✓	✓	✓	✓

Those are minimum requirements; call your DENIS CIMAF's Sale Representative for guidance in selecting the best match.
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EWF

DEDICATED POWER PACKS

The power pack is monitored and controlled by the operator through a control panel.

The EWF hydraulic power pack was developed specifically to increase the power available for your industrial attachments through an independent hydraulic circuit.

Easy to install on a variety of heavy equipments, it is a quick and powerful solution to reach higher level of productivity and profitability.

SPECIFICATIONS

	EWF-225	EWF-170	EWF-100
Engine	225 hp Tier 4 Cummins QSB	168 hp Tier 3 Cummins 4.5 L Turbo	99 hp Tier 3 Cummins 3.3 L Turbo
Hydraulic flow	286 L/min (75 gal/min)	246 L/min (65 gal/min)	170 L/min (45 gal/min)
Max hydraulic pressure	338 bar (4900 psi)	379 bar (5 500 psi)	345 bar (5 500 psi)
Hydraulic tank capacity	132 L (35 gal)	95 L (25 gal)	38 L (10 gal)
Weight (approx.)	2 948 kg (6 500 lb)	1 315 kg (2 900 lb)	545 kg (1 200 lb)

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BLADES

FOR DAH AND DAF MULCHING ATTACHMENTS

DENIS CIMAF blades

DENIS CIMAF DAF and DAH technologies were developed using blades so they are the natural choice for replacement tools. They are all made from forged, hardened steel, which is heat treated several times. Each blade is attached to the rotor with a hardened bolt and nut, which makes them fast and easy to replace. They can be sharpened on the unit, by using a grinder. Each blade has a specific purpose. The secret to greater blade durability is using the right blade for the right job.

IMPACT Resistance

ABRASION Resistance

COLD Resistance

- Recommended for stringny material like palmettos
- Recommended for cold climates
- Recommended for sand rich soils
- Recommended for rock/debris rich soils
- Lower cost per blades
- Well balanced blade for general uses
- Maintenance time reduced More power requiered

V-back blades (for B-size rotors)

Part number : F0012-02

High-quality, high carbon alloy steel. Good general application. The V-back shape helps with impact resistance.

Type 2 Blades (Standard)

Part number : F0010-02

High-quality, high carbon alloy steel. Good general application.

Type 2 laser Blades (Carbide Layer)

Part number : F0010-02-RL1

High-quality, high carbon alloy steel with laser applied tungsten carbide layer. Good general application especially in abrasive soils.

Hammers (Spike/Flat)

Part number : FC1046C or FC1049M

High-quality, high carbon alloy steel with welded carbide hammer heads. Best used if the head is often exposed to rock or soil.

Type 3-47rc Blades (Copper)

Part number : F0010-03-2

High impact and shock resistant tool hardened at 47 RC. Use where risk of impact is higher.

Type 3-57rc Blades (Purple)

Part number : F0010-03

High impact and shock resistant tool hardened at 57 RC. Superior all-around tool.

Type 3-3T Blades (Golden)

Part number : F0010-03-3T

High impact and shock resistant tool. hardened with a special triple treatment.

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QUALITY AFTERMARKET PARTS TO FIT

DENIS CIMAF

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