



DER **Roadside Maintenance Unit**

The DER was designed as a specialist for Roadside maintenance. The original idea was to use an idle grader and convert it to a roadside maintenance unit using a power unit, a custom boom and the DER-120B. It can also be installed without the powerpack or boom on system that do not require them. Manufactured with the same technologies as the tried and tested DAH and DAF systems. The DER is the ultimate roadside maintenance unit!



**Highways, roads and trails
maintenance specialist**

DENIS // CIMAF

211 rue Notre-Dame
Roxton Falls QC J0H 1E0
Canada

www.deniscimaf.com

Toll free : 877-279-2300
Phone : 450-548-7007
Fax: 450-548-7008

info@deniscimaf.com



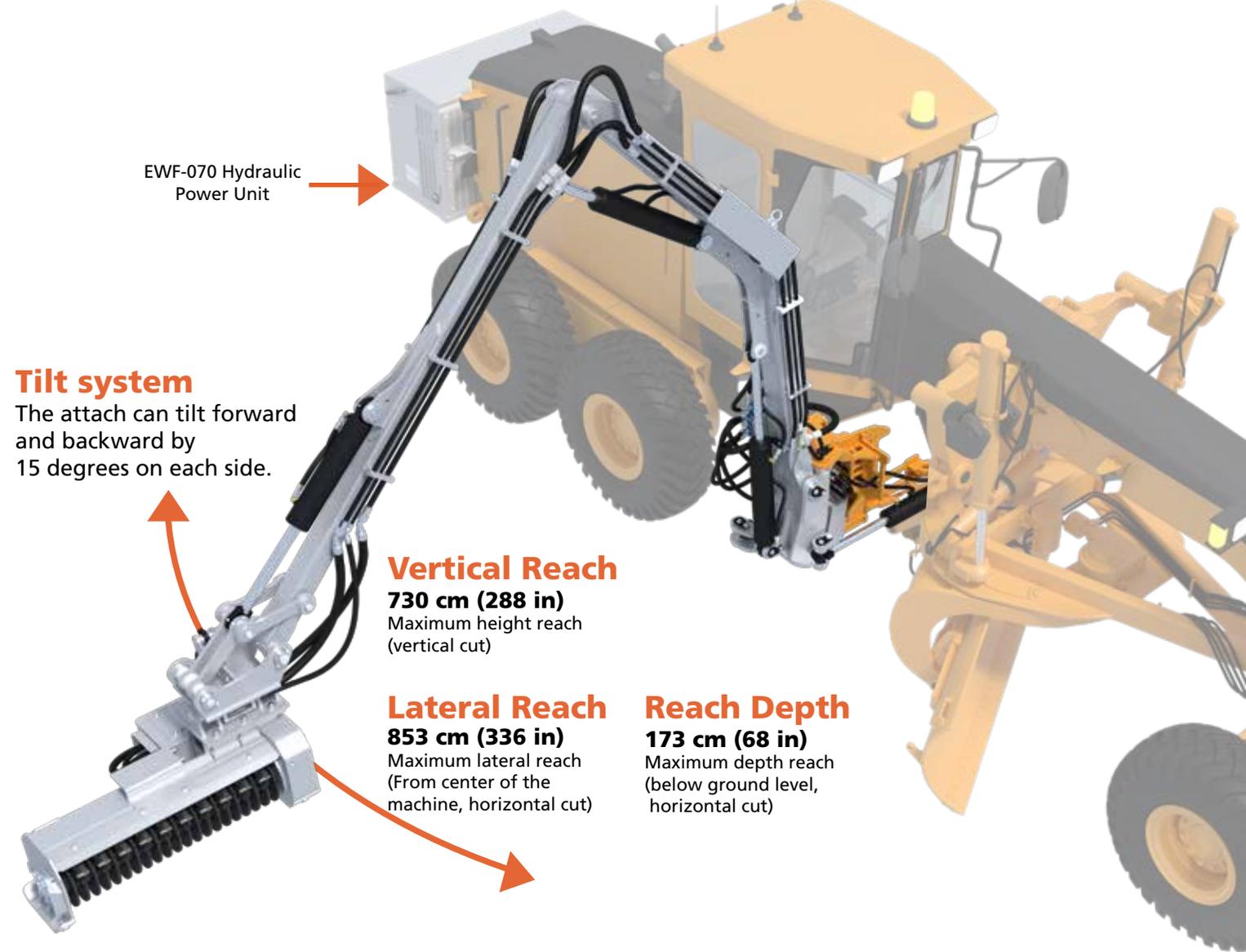
SPECIFICATIONS	DER-120B
Excavator Size [t (lbs)]	10 - 15 (20 000 - 30 000)
Recommended Minimum Carrier Power [kW (hp)]	48 (65)
Cutting Width [cm (in)]	119 (47)
Cutting Distance from Ground Level [cm (in)]	1.6 (0.625)
Number of Blades on Rotor	21
Optimal Target Material Diameter [cm (in)]	≤ 10 (4)
Exterior Length [cm (in)]	142 (56)
Exterior Height [cm (in)]	53 (21)
Exterior Width [cm (in)]	74 (29)
Rotor Diameter [cm (in)]	35 (14)
Approximate Typical Weight [kg (lbs)]	544 (1200)

HYDRAULIC SYSTEM	DER-120B
Variable Displacement Axial Piston Motor [cc]	60
Min. Required Continuous Flow [L/min (gal/min)]	61 (16)
Min. Operating Pressure [bar (psi)]	275 (4000)
Rotating Speed [rpm]	2500
Pressure Line I.D. [# (in)]	#12 (0.75)
Return Line I.D. [# (in)]	#12 (0.75)
Drain Line I.D. [# (in)]	#8 (0.5)

FEATURES	DER-120B
Type of Sharpenable Bolt-on Forged Blades	V-Back
Tilt System	Optional
Bolt-on Wear Liner	Included
Approximate Weight (All Options) [kg (lbs)]	650 (1430)



B-type Blades



Tilt system

The attach can tilt forward and backward by 15 degrees on each side.

Vertical Reach

730 cm (288 in)
Maximum height reach (vertical cut)

Lateral Reach

853 cm (336 in)
Maximum lateral reach (From center of the machine, horizontal cut)

Reach Depth

173 cm (68 in)
Maximum depth reach (below ground level, horizontal cut)

The faster traveling speeds of graders means that roadside maintenance work can be done up to four times faster than with a mower mounted on a conventional tractor.

These industrial hydraulic attachments are a drum mulcher head that is mounted on an articulating arm attached to the front of a grader. Since graders are often under-utilized, the DER mulcher can be put to work on any available grader. And the faster traveling speeds of graders means that roadside maintenance work can be done up to four times faster than with a mower mounted on a conventional tractor.

- Easy to install without removal of grader blade;
- Easy to remove providing fast changeover between roadside grading and maintenance work;
- Highly productive unit;
- Easy to maintain, thanks to replaceable sharpenable blades;
- Impressive reach owing to inherent stability of graders.



Headquarters

DENIS CIMAF inc.

211 rue Notre-Dame,
Roxton Falls, QC, Canada,
J0H 1E0

TOLL FREE

1-877-279-2300

PHONE

1-450-548-7007

EMAIL

info@deniscimaf.com

FAX

1-450-548-7008

www.deniscimaf.com

DENIS CIMAF ONLINE

Subscribe to our online services to track the machines in your fleet, request assistance, get manuals, parts number list and many more upcoming.

Join the DENIS CIMAF family!

DENIS  **CIMAF**