



LIFTING CHARTS - All Terrain Cranes

DEMAG MODEL AC 160-1 - 200 TON CAPACITY

Specifications

Axle loads

Single line hook, main boom extension, 4,600 lb counterweight

Hook block, 8,800 lb counterweight

Axles

5 x 26,500 lb

Total weight

132,500 lb

Working speeds (infinitely variable)

| Mechanisms | Normal speed | High speed | Max. permissible line pull ¹⁾ | Rope diameter / Rope length |
|----------------|--------------|------------|--|-----------------------------|
| Hoist I | 148 ft/min | 410 ft/min | 22,000 lb | 0,83" / 1,130 ft |
| Hoist II | 148 ft/min | 410 ft/min | 22,000 lb | 0,83" / 1,130 ft |
| Slewing | | | | max. 1.3 ¹⁾ /min |
| Boom elevation | | | | -1,5° - +82° |

Carrier performance

Travel speed

0 . . 53 mph

Gradeability

max. 70 %

Hook block / Single line hook

| Type | Possible load ¹⁾ | Number of sheaves | Weight | „D“ | max. reeving | Heavy-lift attachment |
|------|-----------------------------|-------------------|----------|--------|--------------|-----------------------|
| 160 | 286,500 lb | 7 | 3,300 lb | 9.8 ft | 14 | 2 add'l sheaves |
| 125 | 228,500 lb | 5 | 2,480 lb | 9.8 ft | 11 | 2 add'l sheaves |
| 80 | 148,300 lb | 3 | 1,870 lb | 9.8 ft | 7 | |
| 32 | 64,800 lb | 1 | 1,320 lb | 8.9 ft | 3 | |
| 12,5 | 21,800 lb | Single line hook | 770 lb | 6.6 ft | 1 | |

Remarks

¹⁾ varies depending on national regulations