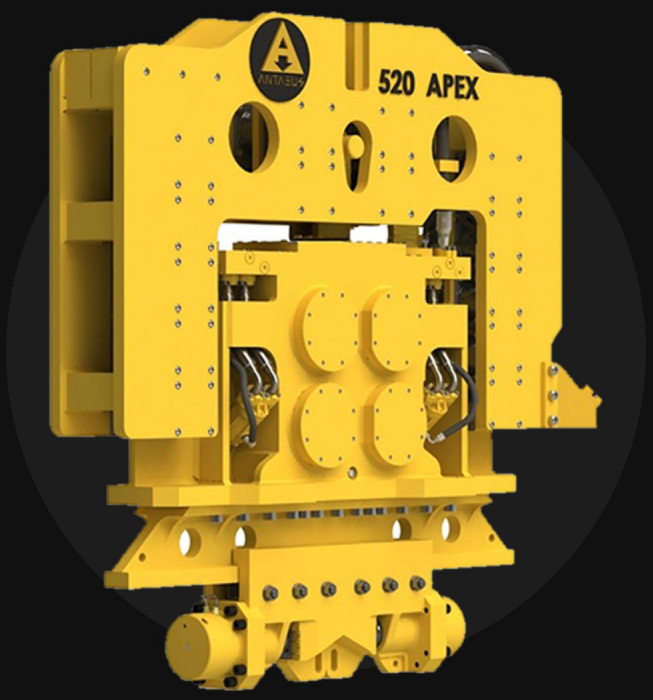
520 APEX

VIBRATORY DRIVER / EXTRACTOR



200 tons of drive force and 125 tons of line pull, run by the Antaeus 800 HP Power Unit on a CAT C18.

DRIVE & EXTRACT | TIER 4 FINAL / STAGE 5

APE & ICE COMPATIBLE

5,200 in-lb
ECCENTRIC MOMENT · 59.9 KG·M

200 tons
DRIVE FORCE · 1,779 KN

0 – 1,650
VPM · VARIABLE FREQUENCY

WHY THE 520 APEX

800 HP behind it
Matched to the Antaeus 800 HP Power Unit: 220 gpm at 4,800 psi from a CAT C18.

125 tons to pull it back
Max line pull rated for extraction work, not just driving.

Runs your attachments
All APE and ICE attachments interchange with Antaeus.

Serviced anywhere
CAT engine with worldwide CAT service. Tier 4 Final and Stage 5 compliant.

SPECIFICATIONS · 520 APEX

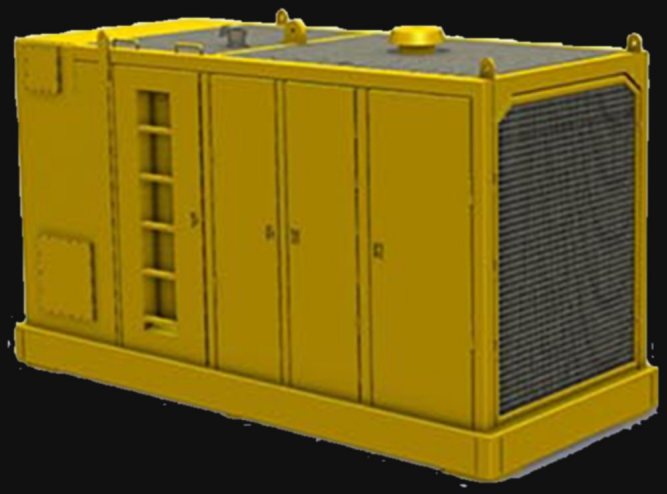
Eccentric moment	5,200 in-lb (59.9 kg·m)
Drive force	200 tons (1,779 kN)
Frequency	0 – 1,650 vpm
Max line pull	125 tons (1,112 kN)
Suspended weight w/ sheet clamp	18,000 lb (8,165 kg)
Throat width	16.75 in (425 mm)
Length	102 in (2,591 mm)
Height w/o clamp	105 in (2,667 mm)
Power unit	Antaeus 800 HP Power Unit

Power unit specifications on page 2. Tons are US short tons.

MATCHED POWER

800 HP POWER UNIT

CAT C18 · Tier 4 Final / Stage 5 · Dual flow. Runs vibros, drills and impact hammers.



800 HP
597 KW · CAT C18

220 gpm
DRIVE FLOW · 833 L/MIN

4,800 psi
DRIVE PRESSURE · 331 BAR

ENGINE & HYDRAULICS

Engine	Caterpillar C18
Emissions	Tier 4 Final / Stage 5
Horsepower	800 HP (597 kW)
Engine speed	1,800 rpm · 1.38 updrive to 2,484
Drive pressure	4,800 psi (331 bar)
Drive flow	220 gpm (833 L/min)
Clamp pressure	4,800 psi (331 bar)
Clamp flow	10 gpm (38 L/min)

DIMENSIONS & CAPACITIES

Weight	23,400 lb (10,614 kg)
Length	152 in (385 cm)
Width	82 in (208 cm)
Height	94 in (239 cm)
Hydraulic reservoir	800 gal (3,028 L)
Spare hydraulic tank	55 gal (208 L)
Fuel capacity	150 gal (568 L)

Runs the whole spread Vibros, drills and impact hammers.	**Full forward & reverse flow** Dual-flow hydraulic circuit.	**Oversized cooling** 800 gal main reservoir plus 55 gal spare.
Spare oil on board Top up on the job, no extra drums.	**Worldwide CAT service** C18 parts and support through CAT dealers.	**Meets European regulations** Tier 4 Final in the US, Stage 5 in the EU.

ATTACHMENTS

All APE and ICE attachments interchange with Antaeus.

Specifications may vary due to site conditions, hammer conditions or product setup, and may change without notice. Metric values converted from imperial.

contact@antaeususa.com · 7265 2nd Ave S, Seattle, WA