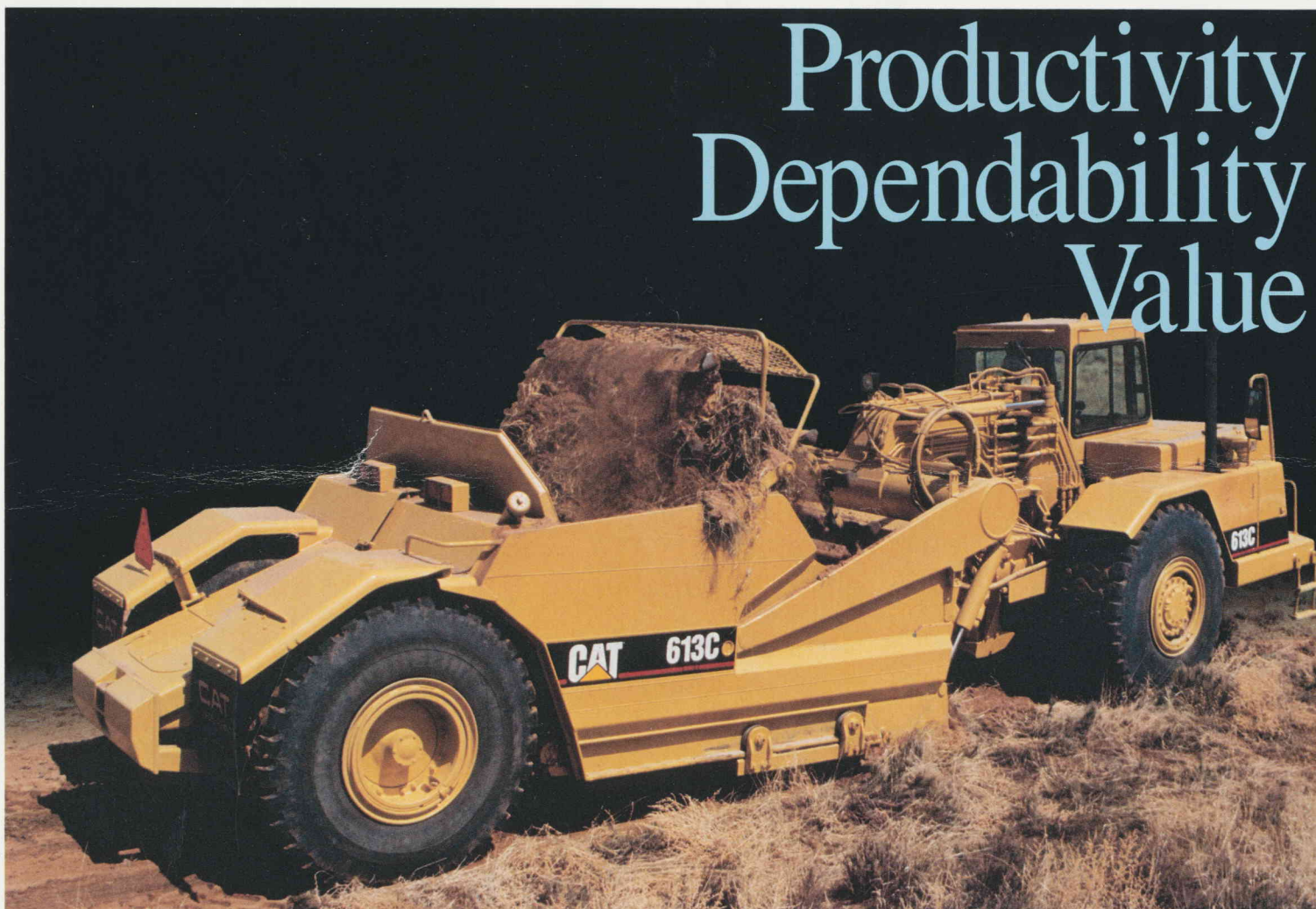


Think Scrapers

Productivity
Dependability
Value



CATERPILLAR® 613C AND 615C SERIES II ELEVATING SCRAPERS



Now, better than ever ... 613C and 615C Series II

When it comes to versatility and cost-efficient production earthmoving, Cat® scrapers have a long track record of success.

The 613C and 615C elevating scrapers lead their class with big-machine power and productivity. Now, these **Series II** machines raise the standards still higher.

- 613C Series II uses fuel-efficient 3116T engine.

- Larger bowl of 615C Series II increases heaped capacity to 17 yd³ /13 m³. Load retention dams reduce spillage past cutting edge; sideboards allow load to fill back



to ejector.

- Cabs are quieter, more comfortable and controls are more conveniently located.

- Both machines have larger, standard radial tires.

- 615C Series II empty weight is up more than 1100 lb and rated load is up 2600 lb for added durability, capacity and productivity.

Elevator boosts production, cuts cycle times

Whether the job involves high-volume earthmoving, finish grading or cleanup, the self-loading capability of the 613C and 615C Series II's elevator mechanism increases productivity and allows faster cycling. The elevator is also ideal for loading and unloading cohesive materials or for spreading top soil. Plus:

- Two-speed drive and high hydraulic horsepower deliver maximum loading performance



over a broad range of material conditions.

- Elevator flights break up material during loading and unloading. Flights are triangularly rein-

forced. Elevator mounting is flexible to prevent damage.

- The elevator is reversible (along with retracting floor and bulldozer ejector) to provide clean, quick material ejection.

Spacious, functional operator's station

Caterpillar cabs are widely acknowledged the best in the industry. The shock-dampening, sound-suppressing resilient mounting

gives the operator a comfortable, quiet environment. The optional cab reduces Series II interior sound levels to 75 dBa.

Controls are easy to reach, and operate with low effort. The ejector return has a detent and automatic kickout. Visibility is excellent all around ... from instruments to the work environment to the cutting edge. The seat is multi-adjustable with air suspension; steering is modulated with variable flow for precise handling; the Electronic Monitoring System keeps the operator in constant contact with vital machine systems.

These features add up to reduced operator fatigue and greater production ... day after day.



Economic zone of application and material appetite

Every earthmoving system has its economic zone of application. This zone is a specific set of conditions in which the machines or machine combinations yield the lowest cost per ton.

Distance is a prime factor in an initial evaluation. If application conditions predominantly involve soil and clay, and haul distance is within the proper range, elevating scrapers become the system of choice.

These charts will help you determine the most appropriate earthmoving system for your application.

	ONE-WAY HAUL DISTANCE	WORK ENVELOPE	GRADES	CONSIDERATIONS
DOZERS	up to 450 ft 135 m	Broad range of material and underfoot. Highly maneuverable, work-alone.	2% production increase for each % of favorable grade. Max. grade 20-25%.	Sensitive to operator skill and long tramping distances. Ideal in short downhill applications.
LOAD-AND-CARRY	up to 500 ft 150 m	Stockpiled and well-blasted material. Good underfoot.	Usually limited to 10% grades.	Ton-mile-per-hour (TMPH) considerations are important.
ELEVATING SCRAPERS	600-2500 ft 180-750 m	Good for long, flat hauls. Self-loading, work-alone.	Usually limited to 10% grades.	Best applied in soil and clay materials, but usable with caution in rocky materials.
ARTICULATED TRUCKS	2000-9000 ft 600-2750 m	Two-axle units fit most poor underfooting and carry rockier material. Three-axle units carry less-rocky material.	Can work on grades as steep as 20%.	Designed for flotation and traction. Use caution in hard rock loading.
RIGID-FRAME TRUCKS	from 3000 ft 900 m	Broad material appetite and match a variety of loading tools.	Limited to 8-10% on continuous grades. Can climb short grades up to 20%.	Ton-mile-per-hour (TMPH) important on long hauls. Proper match with loading tool is important.
WAGONS	from 7000 ft 2150 m	Designed for long, flat hauls. Bottom-dumps handle coal, dirt, crushed stone; rear-dumps handle shot rock.	Limited to 6% continuous grades. Pusher can assist on short, steeper ramps.	Wagon and dump body are interchangeable on tractor unit.

The best dealer support in the business

The best products deserve the best product support, and your Caterpillar worldwide dealer network provides it.

- Most parts are immediately available.
- Exchange components.
- Equipment service in the shop or field.

- Machine management.
- Operator training.
- Attractive financing and leasing packages.

Rely on your Cat dealer for products and support that are simply the best. Contact him soon for the full story on the 613C and 615C Series II elevating scrapers.

Brief specifications

	613C Series II	615C Series II
Heaped capacity	11 yd ³ /8.4 m ³	17 yd ³ /13 m ³
Empty weight*	33,650 lb/15 264 kg	56,100 lb/25 447 kg
Rated load	26,400 lb/11 975 kg	40,800 lb/18 506 kg
Engine	3116T	3306TA
Flywheel power	175 hp/131 kW	265 hp/197.5 kW
Top speed loaded	21.8 mph/35.1 kph	21.8 mph/35.1 kph
Tires (standard)	23.5R25	29.5R25

* Standard equipment with ROPS canopy, full fuel tank and operator.

CATERPILLAR®