

VANGUARD WETDECK

FOR CATERPILLAR®
572E/G, 583H/K, 594G/H PIPELAYERS



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**PipeLine
Machinery**

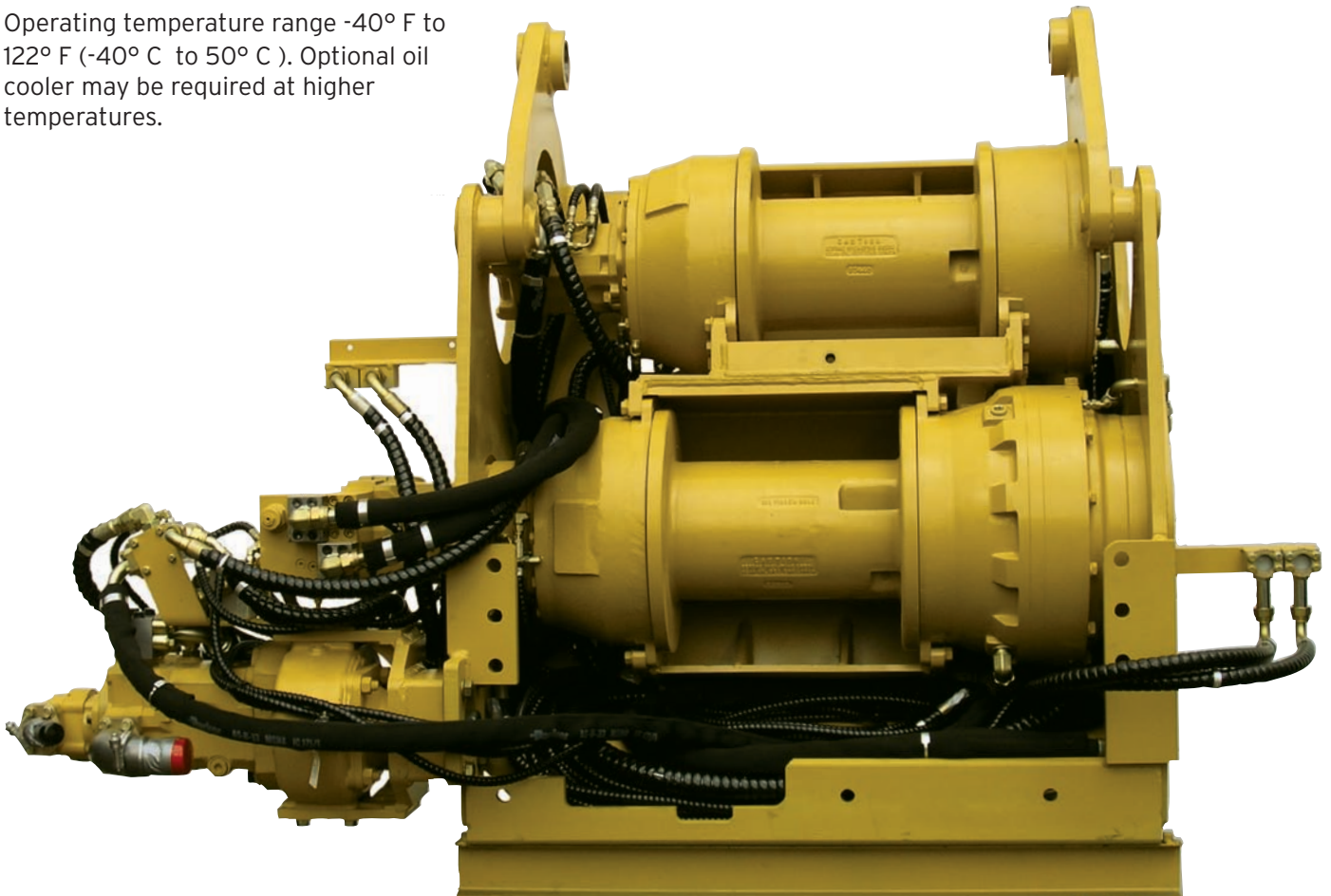
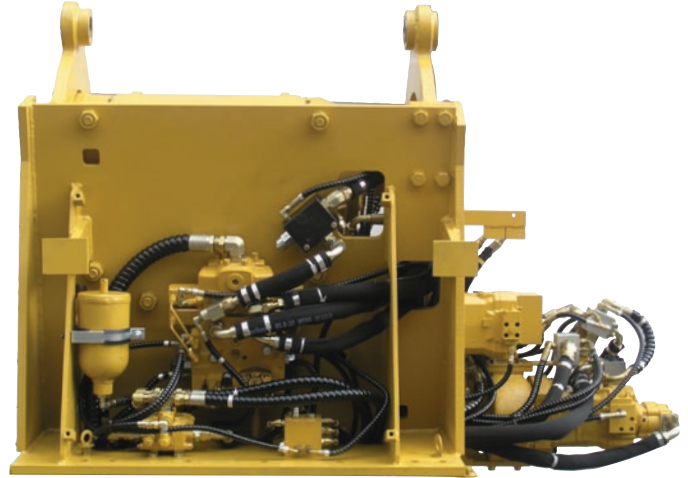


Your Global Partner for Pipeline Solutions

Hydraulic Conversion Package

Vanguard Equipment, Inc.'s Wetdeck package economically converts aging Caterpillar 572E/G, 583H/K, 594G/H pipelayers' mechanical drawworks into state-of-the-art hydraulic units.

- Fully engineered product.
- Drawworks comes in a complete assembled modular package ready to bolt into an existing machine.
- Easy installation can be done by local Caterpillar dealers or in customer's own facilities.
- Modular design allows fast replacement of parts, easy field service and testing.
- 100% parts and service availability through Caterpillar dealers and Vanguard.
- 25-gallon hydraulic tank for excellent heat dissipation is equipped with Cat 572R filter system, ecology drain and site gauge.
- Operating temperature range -40° F to 122° F (-40° C to 50° C). Optional oil cooler may be required at higher temperatures.



An outstanding choice for productivity and versatility.

Drawworks Equipment

Hydraulic Power (74 GPM at 4300 PSI and minimum 2200 RPM pump speed)

WINCH DIMENSIONS

Hook

Boom

Drum Diameter	10 in	254 mm	10 in	254 mm
Flange Diameter	19 in	482.6 mm	19 in	482.6 mm
Drum Length	17 in	431.8 mm	17 in	431.8 mm
Capacity - 3/4" (19.05 mm) Diameter	407 ft	125 m	407 ft	124 m

WINCH SPEEDS

Nominal Line Speed No Load

Hook Speed

Boom Line Speed

Bare Drum 572/583	Hi 300 ft/min	91.4 m/min	200 ft/min	61 m/min
	Low 155 ft/min	47.2 m/min		
Bare Drum 594	Hi 300 ft/min	91.4 m/min	300 ft/min	91.4 m/min
	Low 155 ft/min	47.2 m/min	300 ft/min	47.2 m/min

Note: Bare drum speed will decrease on tractors with less than 200 hp.

Engineered for the Pipeline Industry

The fully engineered Wetdeck offers the same safe, reliable, and easy to operate functionality and control as a modern Caterpillar pipelayer. The result is a modernized machine, for a fraction of the cost.

The fully tested and engineered product is ergonomically designed and safety engineered to SAE/ISO and CE standards.

Controls

- Controls are the same intuitive configuration as Caterpillar 561M/N and 572R pipelayers.
- Controls are low effort and allow simultaneous, precise positioning of the load line and boom.
- Ergonomically designed so that one hand can simultaneously control opposite functions of the hook and boom.



Safety Features

- Boom and hook drawworks are driven by independent hydraulic winches.
- Oil disc brakes provide smooth operation, positive retention of boom and hook positions.
- Infinitely variable speed controls for both boom and hook allow precise control.
- Emergency free fall function on load line control allows the operator to drop the load quickly.
- Independent manual external brake release enables load lowering in the event the engine or hydraulics are inoperable.
- Lines of sight maintained.

Optional:

2 speed boom motor for 572, 583. Standard on 594.
High temperature cooler.

Installations

Wetdeck Advantages

- Economical conversion kit
- Easy to install
- Modular design
- Fully engineered
- Safe, smooth, intuitive operation
- Extends the life of reliable 572's, 583's and 594's with modernized hydraulic drawworks

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Materials and specifications are subject to change without notice. Machines featured in photos may include additional equipment. Contact PLM for available options.



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