

OFFERING

CUSTOM REBUILT 793B MINE TRUCKS





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PRICING

Rebuilt Caterpillar 793B Mining Trucks

Three Trucks Available at the following price:

Year Serial #:	1993 - IHL00054 1993 - 1HL00055 1994 - 1HL00126
Make & Model:	Caterpillar 793B
Type:	Off Highway Truck
Hours:	ZERO hours on dealer custom rebuilds
Frame Hours:	63,605 – 67,500

Price:	\$1,650,000.00 USD per unit
Terms:	EXW Arizona, USA - TT or Irrevocable Letter of Credit from an approved bank <ul style="list-style-type: none">▶ Subject to prior sale▶ Does not include assembly
Price includes:	START-UP ASSISTANCE , by a cat 793 Service Specialist at the new owner's site <u>anywhere in the world</u> .
Availability:	READY TO SHIP

DESCRIPTION

- ▶ Trucks are stripped down to bare frame
- ▶ Every hose, wiring harness and line is replaced or reclaimed
- ▶ Frame inspection with visible cracks repaired and various updates as needed per dealer reusability guidelines
- ▶ All major components rebuilt per Caterpillar reusability guidelines
- ▶ Brand new latest D generation VIMS cab
- ▶ All catwalks, handrails, engine enclosures and platforms either repaired, rebuilt or replaced
- ▶ All hydraulic cylinders rebuilt per Caterpillar reusability guidelines, including HVC coating as needed
- ▶ Completely sandblasted, repainted and decaled
- ▶ Suspension cylinders inspected and tested
- ▶ 3516B standard stroke "short stroke" engine, rated at 2,160 horsepower
- ▶ All pumps and valves rebuilt or replaced with new
- ▶ All trucks are equipped with EUI fuel systems
- ▶ 160-4891 VIMS ABL configuration utilizing 248-6200 VIMS 10.43 file
- ▶ High Capacity rear wheel bearings; all wheel mounted brakes utilizing the latest generation Extended Life brake material
- ▶ Standard ICM transmission configuration utilizing F-37 and rayflex mix friction disc's
- ▶ Standard Torque Converter with cellulose lock up clutch discs
- ▶ Standard differential, including ground driven rear axle filtration and pressure lubrication
- ▶ All sensors replaced and updated to VIMS
- ▶ All new mounting hardware was used
- ▶ All master cylinders, roto chambers and slack adjusters replaced with reman units
- ▶ All include the optional 1,250 gallon high capacity fuel tank
- ▶ Included existing beds with sideboards per photos shown in gallery section
- ▶ Assembly instructions, suggested tooling list and tips to be included
- ▶ All trucks include **new wheels**
- ▶ All trucks are **less tires**
- ▶ **Units rebuilt to date are delivering better availability than new CAT trucks**
- ▶ **Reported availability percentages commonly in mid 90% range**

COMPONENT REBUILD DETAILS

All major components rebuilt with strict adherence to Caterpillar reusability guidelines

- ▶ Engines:
 - Rebuilt Long Block (standard stroke)
 - Rebuilt cylinder heads
 - Full dyno reports available (full 2,160 horsepower and full torque)
 - All new injectors (self priming for improved starting in cold climates)
 - New starter and accessories
 - Latest generation engine software - Latest release software incorporates variable timing retard (VTR) and resets boost
- ▶ Transmissions:
 - Outside clutch packs updated to rayflex friction discs
 - Inside clutch packs f37 discs
 - The combination of rayflex and f37 discs enhances the durability of the cast iron pistons and clutch housings
 - Replaced all electronics
 - Replaced all ball bearings
- ▶ Torque convertors:
 - Reconditioned per Caterpillar reusability guidelines
 - Updated seals and bearings installed for increased service life
- ▶ Rear final groups:
 - Rebuilt using the newest extended life brake discs that utilize carbon paper friction material
 - Latest generation duo cone seals including updated brake hub; new toric rings and duo-cone seal groups are made from an improved material to provide a better service life
 - Spindle update (slot cut for bearing retention)
- ▶ Front spindles:
 - Latest generation of duo cone seals
 - Extended life brake discs
- ▶ Differential:
 - Updated for the lube line to the pinion bearing including hole drilled in the ring gear deflector for improved lubrication

UPDATES

Safety Updates

All Caterpillar Safety Updates (PI's) have been accomplished

Service Letter Updates Performed:

Program No.	Description
PI10305	Replace Air Dryer
PI10546	Replace Hoist Control Pilot Line
PI10691	Ball Stud Inspection
PI1228	793B Fan Spider Assembly
PI1267	Throttle
PI1277	Replace Turbo Oil Supply Line
PI1361	Install Turbo Blocks
PI30413	Install Engine Control Software
PI30799	Inspect ROPS Sub-frame & Frame
PI3366	Waste-gate Response Software
PS4223	New Exhaust System Bellows

START-UP ASSISTANCE

Start-up assistance (**included in pricing**) consists of the pre-start assembly inspection and system functional checks prior to initial operation at the mine site. A qualified cat 793B Service Specialist will be responsible for this service at the buyer's site, regardless of location. Additional details are as follows:

- ▶ Travel and lodging expenses **ARE** included
- ▶ Any extended stay or additional expenses required due to improper assembly or extenuating circumstances will be billed to the buyer
- ▶ All required tooling will be supplied by the buyer
- ▶ Helpers will be provided by the buyer as needed
- ▶ All standard safety practices will be followed
- ▶ A completed post-inspection checklist will be provided to the buyer

Specific checks include, but, are not limited to the following:

- Hydraulic systems are full and all pumps primed prior to starting engine
- Trapped air removed from the rear and front service brakes (both sides)
- Check parking brake release pump and electric motor
- Check steering system
- With engine stopped the steering tank must be filled to the FULL mark of the top sight glass
- After starting engine, the steering tank oil level drops to the FULL mark of the bottom sight glass
- Stop the engine with the ground level shut down and steer from left to right
- With the engine stopped and the key switch OFF, steering accumulators will discharge and the oil is at the upper sight glass of steering tank
- Function tests:
 - Headlamps (low and high beam)
 - Turn signals and emergency flasher
 - Back-up lights
 - Back-up alarm
 - Brake lights
 - Ladder access light
 - Engine compartment light
 - Cab and dash lights
 - Both right and left doors open and close from the inside of cab
 - Operation and Maintenance Manual is in the literature pouch located on the back of the operator's seat
 - Horn functions

START-UP ASSISTANCE

- Switch park brake valve to ON ...the BRAKE ON light on the EMS panel will come on
- Windshield wiper function/washer function
- Check seat belts
- With hoist lever in raise position, machine will move in reverse
- Heater functions
- Air conditioner functions
- Check EMS light and test switch
- Check low air pressure EMS light, cab dash low air pressure light and low air pressure warning buzzer
- Check engine coolant temperature gauge
- Check converter/retarder temperature gauge
- Check hour meter (electrical)
- Check tachometer
- Check air pressure gauge
- Check to make sure left and right mirrors are installed and adjusted
- Mud flaps, body down indicator and guard rails are installed
- Check automatic ether injection control
- Check Truck Payload Measurement System (TPMS) for proper operation
- With the engine operating at 1200 rpm, shift lever in second – gear and air pressure at 795 – 830 kPa (115 – 120 psi)
 - Does machine move with retarder applied?
 - Does machine move with service brake pedal applied?
 - Does machine move with park lever applied?
 - Does machine move with secondary brake applied?
 - (the above procedure confirms brake actuation, if the machine moves under any of these situations the problem will need corrected)
- ☑ With the transmission in gear and parking brake on, the warning horn will sound
- ☑ Does Automatic Electronic Traction Aid (AETA) function correctly?
- ☑ Re-check all fluid levels
- ☑ After the completed truck has been checked and adjustments made, it shall be road tested for the length of time necessary to check the operation of the complete unit. Did it function correctly?
- ☑ Check for unusual noises and leaks. Correct any problems.
- ☑ Insure all quality requirements are fulfilled
- ☑ All variances corrected prior to releasing the vehicle

FREQUENTLY ASKED QUESTIONS

Are these trucks rebuilt to brand new condition?

No, the trucks are not rebuilt to brand new condition. Rather, they were rebuilt using Caterpillar reusability guidelines and dealer extensive experience rebuilding large off highway trucks.

Our mine site is in need of more than three units. Are there additional trucks available?

As of the time of this writing several additional cores are available for rebuild. Pricing and completed delivery times may vary.

Are all of the units completely through the rebuild process? How soon could they be shipped?

Yes, all three of these units are available for immediate shipment. Shipment subject to shipping lines schedules and vessel space.

FREQUENTLY ASKED QUESTIONS

Do these three units include all of the latest “B” series Caterpillar updates?

Many, but, not all available updates have been performed on these trucks. Our Caterpillar Certified technicians used their best judgment to perform the updates they deem to be necessary per their previous experience. See Updates section for list.

Our operation would require a different bed/body design than is included with your proposal. Is there any credit offered to “less-off” the beds?

Yes, we are offering a \$20,000.00 per bed credit if you choose to purchase alternative beds/bodys.

Do you have other bed/body options available that would suit our specific purpose?

We can help to provide alternative beds/bodies at additional cost, subject to price and availability.

CONTENTS LIST/SHIPPING DIMENSIONS

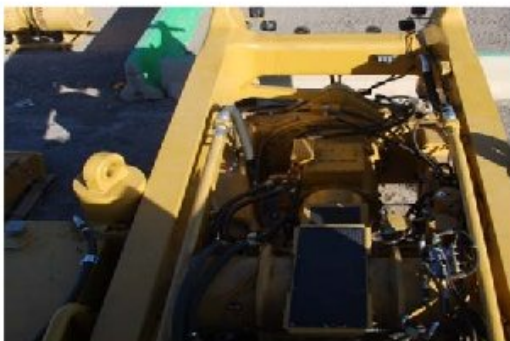
Cat 793B Chassis / Components - Dimensions and Estimated Weight

Packing Description	Item	Estimated Weight Kilos	Length Meters	Width Meters	Height Meters	CBM
DOM PACK	793B CHASIS	52,163	10.01	3.73	3.51	131.05
SKID	CAB	2,364	3.03	2.34	1.91	13.54
SKID	FRONT STRUT	5,455	3.2	1.68	1.43	7.69
SKID	FRONT STRUT	5,455	3.2	1.68	1.43	7.69
SKID	REAR WHEEL GP	7,273	2.34	1.43	1.22	4.08
SKID	REAR WHEEL GP	7,273	2.34	1.43	1.22	4.08
SKID	FUEL TANK	682	3.08	2.06	1.63	10.34
SKID	CAB PEDESTALS	227	1.22	0.94	0.92	1.06
SKID	SERVICE PLATFORM	3,600	3.94	2.95	2.95	34.29
SKID	LADDERS & HANDRAILS	227	2.82	2.14	1	6.03
SKID	RIM (2)	3,166	1.53	1.53	2.03	4.75
SKID	RIM (2)	3,166	1.53	1.53	2.03	4.75
SKID	RIM (2)	3,166	1.53	1.53	2.03	4.75
SKID	Wheel Rings	3,000	1.53	1.53	1.83	4.28
SKID	Wheel Rings	3,000	1.53	1.53	1.83	4.28
SKID	Wheel Rings	3,000	1.53	1.53	1.83	4.28
Total ESTIMATED Weight		103,217			Total CBM Main Load	234.11

CAT 793B Existing Bed - Dimensions and Estimated Weight

Packing Description	Item	Estimated Weight Kilos	Length Meters	Width Meters	Height Meters	CBM
BUNDLE	1/3 SECTION PLACED IN 2/3 SECTION	29,000	10.06	5.64	2.95	167.38
					Total CBM Beds	167.38
Total ESTIMATED WEIGHT ALL PIECES (INCLUDING BED) - Kilos					132,217	
Total Per Unit CBM (INCLUDING BED)					401.49	

793B REBUILD PICTURE GALLERY



793B REBUILD PICTURE GALLERY



793B REBUILD PICTURE GALLERY



793B REBUILD PICTURE GALLERY

