

SEM TRACK TYPE TRACTOR

SEM 824F



ISO Inauguration 7 years and counting
powered by Isuzu 6000 engine,
allowing a generation of work (ISO-VI 240) to
be made a fleet of electronically controlled
hydraulic front loader system, including
productivity and management. It offers a full
range of work for ISO 240 front loader and
multiple tasks, including: (1) (1) Bulk
Handling and front loader. For a complete
catalogue of work, visit our website
www.isuzu.com.au

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117 km



Proven Performance

- Operate efficiently with 400 hp Cummins turbodiesel
- Quicker start-up, power rise and throttle response
- Hydraulic demand flow to support better efficiency
- Automatics decouple with the gears to save fuel
- Select and engage power full momentary or full power to reduce cycle time and increase fuel efficiency

Comfortable Operation

- Operate smart with new 1000 mm wide control
- More space from the new 1000 mm
- Fully adjustable seat for added comfort according to the operator's size and weight
- Improved visibility for increased safety
- 120 degree view of backhoe loader surroundings

Exceptional Reliability

- 2000 hour engine hours and more
- Made with high-strength steel and strong construction design
- Full-featured structure, available using 7000 Series Super Alloy (SA)
- Front blade with built-in slope indicator and self-aligning
- Modern cooling system designed to endure -40°C to +40°C ambient temperature



1 Enhanced Reliability

- Fuel pump, turbochargers, diesel injectors and exhaust turbochargers have a world class supplier delivery history ensuring reliability
- The Volvo mechanical engine of 200hp with 16% increased power, 17% more durability and 10% more life
- Fuel injection system and turbochargers reduce fuel consumption and increase engine life
- Machine structure are protected using Volvo Dewatering Drums (DD) and the Volvo Dewatering Drums (DD) to ensure they are more durable
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2 Outstanding Versatility and Productivity

- Compared to conventional methods, Caterpillar's power shift tracks feature lower fuel consumption, better delivery and greater productivity.
- Attachments include: grapple, trencher, backhoe loader, trencher, crawler crane and skid steer, allowing improved cost control of every job.
- The Hydrolic Implementator system with optional lift legs, adding capacity, flexibility and precise control.
- Machine and hydraulic ratings are the same, whether working with or without transmission cooling from -40°C to +50°C. While offering superior fuel efficiency.
- Hydraulic crane/lifters developed with motor factor for an overall weight 10% more efficiency and efficiency saving of the engine and cooling system.
- Machine D3 Caterpillar (in Daily) operation V for an improve cost/benefit.

3

Enhanced Operating Comfort

- Available space and increased view offer a relaxing, quiet environment, allowing extended work hours and visibility.
- Ergonomic features and layout ensure precise performance and ease of use.
- The new 7 Series shows real world design.
- LED lighting for a great view of work in cutting conditions. It also saves.
- Increased visibility for a better engine awareness.
- LED lights in standard configuration to work by beam at night.

4

Lower Operation Cost

- Integrated hydraulic oil tank and hydraulic oil lines allow for simple maintenance, repair and reduced maintenance costs.
- Extra Pass at Overalls (EPO) has an oversized, high strength, wear plate and reduces fuel cost.





5

Leading in Class Serviceability

- Maintenance-free and 100% water-cooled diesel engines that deliver higher production per fuel gallon, providing real fuel cost savings
- The Independent Oil Filter allows for easy oil changes, reducing maintenance time
- Service Request is available via the display using both touchscreens and physical control panels for easy troubleshooting
- Proactive alerts and diagnostics ensure efficient fleet management

Major Forecasts

Year	2017	2018 ⁽¹⁾	2019 ⁽²⁾	2020 ⁽³⁾	2021 ⁽⁴⁾	2022 ⁽⁵⁾
Operating Profit	\$1,036	\$1,281	\$1,524	\$1,871	\$2,224	\$2,692,000,000
Owner Income	\$445	\$535	\$724	\$1,015	\$1,345	\$1,942,000
Dividend Income				\$166		
Interest Income				\$14		

Earnings						
Book				\$1,200,000		
Buy-Income (17,000)				1,000,000		
Buy-Income				1,000,000		

Provisions						
Depreciation						\$1,000,000
Depletion						\$1,000,000
Amortization						\$1,000,000

Income Statement						
Net Income	\$591	\$746	\$800	\$856	\$979	\$1,140,000
Net Income (before tax)	0	0	0	0	0	0
Net Income (after tax)	7	7	7	7	7	7
Income (before tax)	7	7	7	7	7	7

Balance Sheet						
Equity						\$1,000,000
Assets						\$1,000,000

Year	2017	2018	2019	2020	2021	2022
Net Income	\$591	\$746	\$800	\$856	\$979	\$1,140
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Dimensions



		STD	10P	DS	CR	WH	FC
A	Overall Length	138 in	214 in	210 in	190 in	130 in	138 in
B	Wheelbase (Front Track Drive)	108 in	180 in	180 in	180 in	140 in	108 in
C	Blade Length (Full)	138 in	132 in	170 in	170 in	130 in	147.5 in
	Blade Length (Short)	130 in	132 in	170 in	170 in	130 in	132 in
	Blade Length (Medium)	148 in	148 in	180 in	180 in	140 in	148 in
	Blade Length (Full)	158 in	157 in	175 in	175 in	130 in	157 in
D	Blade Width (Full)	108 in	100 in	140 in	140 in	140 in	108 in
	Blade Width (Medium)	108 in	100 in	140 in	140 in	140 in	108 in
E	Blade Height (Standard)	48 in	47 in	42 in	40 in	40 in	48 in
	Blade Height (Low)						
	Blade Height (High)	110 in	90		90		
	Blade Height (Medium)	70	100 in	110 in	90		
	Blade Height (Low)	70	90		100 in		
	Blade Height (High)	70			90	140 in	
	Blade Height (Medium)	70	90		90		110 in
F	Blade Height (Low)	100 in	90	90	110 in	90	100 in
	Blade Height (High)	11 in	11 in	11 in	11 in	11 in	11 in
G	Blade Height (Medium)	10 in	10 in	10 in	10 in	10 in	10 in
	Blade Height (Low)	10 in	10 in	10 in	10 in	10 in	10 in



The largest applications for the D9G are in large-scale earthmoving, including site clearing and grading, and in large-scale water management. It's been selected to grade & back canals, excavate, and install levees, dikes, and floodgates, and to build roads, bridges, and levees.



Standard Equipment

FOUNDATION

- Double EP
- Triple EP

HYDRAULICS

- Hydraulic Pilotvent
- P-ABS

STEER

- FMS Steer
- FlexSteer

OPERATOR ENVIRONMENT

- New Style EP Cab
- iCab

COOLING

- Cooling EP
- Flex Air Cooling

PAINTS

- Cool Paint

SEWERS

- Guard EP Sewer

Optional Equipment

ROTOR EP

- Rotor Blade

ELECTRICAL

- Power Steering

THE IMPRESSION

- iCologne (230)

TRAIL EP

- Cool Trail

Mandatory Attachment

ENGINE

- 4 Cyls
- 4 Cyls Diesel

FINAL DRIVE

- Red Flow 2.0
- Red Flow EP
- Red Flow 3.0

FRONT DRUM BRAKE

- FR 2.0
- FR 3.0, 4.0
- FR 4.0
- FR 5.0

SHOES

- Two 30mm 400
- Two 30mm 400 DLT
- Two 30mm 400
- Two 30mm 450
- Two 30mm 400
- Two 30mm 400, 340

STAINLESS

- Stainless
- Stainless

LIGHTING

- Power Light 1.0, 2.0
- Power Light 1.0, 2.0
- Power Light 1.0, 3.0 Power

CAB TRIM

- Cab Trim
- Cab Trim

DOOR GLASS

- Door 2.0
- Door 3.0
- Door 4.0

DOOR ARRANGEMENT

- Flat 2.0
- Top 3.0
- Top 4.0
- Cab 5.0
- Cab 6.0

ROTORROLL

- Rotor Roll 2.0
- Rotor Roll 3.0
- Rotor Roll 4.0
- Rotor Roll 5.0, 6.0
- Rotor Roll 6.0

SPR

- SPR
- SPR 2.0

NEW ATTACHMENT

- 40 wheel
- 45 gear
- 45 gear 2.0
- 45 gear 3.0
- 45 gear 4.0
- 45 gear 5.0
- 45 gear 6.0
- 45 gear 7.0

NEW TYRES

- 45 Tyres
- 45 Tyres 2.0

RIGHT OR BUND

- Right Side
- Right Side 2.0
- Right Side 3.0

RIGHT OR BUND

- Right Side
- Right Side EP
- Right Side 2.0

TANK

- Tank
- Tank 2.0
- Tank 3.0

SHOES

- Shoes 4.0
- 4.0 Tyre
- Cool Seating
- 4.0 Tyre 2.0
- 4.0 Tyre 3.0
- 4.0 Tyre 4.0
- 4.0 Tyre 5.0

POST MOUNT

- Post Mount 1.0
- Post Mount 2.0

CAB INTERIOR

- Cab 2.0
- Cab 3.0

*To view our full and complete list of standard and optional equipment visit our website. Contact your dealer for more info.

EMPOWER YOUR SUCCESS™

At the heart of our success is our people. Our people are empowered, and that's what makes us successful. We're looking for people who are motivated, who are driven, who are committed to their work, and who are committed to their success. We're looking for people who are committed to their success, and who are committed to their success. We're looking for people who are committed to their success, and who are committed to their success. We're looking for people who are committed to their success, and who are committed to their success.

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