

PURPOSE-BUILT MINING EQUIPMENT



GETMAN SERVICE MACHINES are designed to help perform key maintenance and repair functions throughout an underground mining operation, minimizing the need to return other production and production support equipment to the workshop and maximizing the time those machines spend in their production and development roles.

Getman's A64 Service Lube offers three standard tank layout variations ranging from four to five tanks, or can be customized for more or less tanks based on specific

requirements. All lube machines come standard with pressurized grease service and compressed air service, and all services include delivery hoses with nozzles on heavy-duty spring return reels.

A64 service equipment protect worker safety through purpose-built design, including outward facing sight gauges visible from ground level, minimizing the need to climb on the machine. All work areas are well-illuminated to ensure proper visibility during servicing functions.



TECHNICAL SPECIFICATIONS

ENGINE

- Tier III approved engine - 4-cylinder
 - › Mercedes Benz OM904LA, 129 kW (173 hp) @ 2200 rpm
 - › Cummins QSB4.5, 127 kW (170 hp) @ 2200 rpm
- Liquid-cooled, turbocharged
- 113 L (30 gal) fuel tank with self-closing cap

EXHAUST SYSTEM

- Catalytic exhaust conditioner and silencer

Transmission

- Dana Clark 32000 powershift transmission
- Three speeds forward and reverse
- 4-wheel drive

AXLES

- Planetary drive axles
 - › Heavy-duty Kessler S41 axle package
 - › Enhanced capacity Kessler S72 axle package

TIRES

- Mine service tires
 - › 10.00×20-16pr
 - › 12.00×20-28pr

BRAKE SYSTEM

- Fully hydraulic wet disc service brakes on each axle
- Spring applied, hydraulic pressure release wet disc secondary brake
- Automatic secondary brake application upon loss of brake accumulator pressure, transmission pressure or electrical power

STEERING

- Orbitrol controlled articulated frame steering
- Heavy-duty, self-aligning bearings inside replaceable inserts
- Two double-acting steer cylinders with replaceable bushings in cylinder and frame ears
- 40° articulation each direction

HYDRAULIC SYSTEM

- Hot side/cold side engine layout
- Hydraulic hoses routed to cold side of engine
- Open center hydraulic circuits with gear hydraulic pump
- Diagnostic test ports with quick couple fittings for: each axle, service brake application pressure, and hydraulic pumps
- 10-micron return filter
- 151 L (40 gal) hydraulic reservoir

OPERATOR COMPARTMENT

- Three-point contact for entry and exit
- ROPS/FOPS certified compartment (SAE J1040C, CSA B-352, ISO 3471)
 - › Open canopy
 - › Enclosed cabin with heater and air conditioner
- Operator and passenger seating
- Mechanical suspension operator seat
- Retractable lap seat belts

INSTRUMENTATION

- Engine temperature
- Engine oil pressure
- Voltmeter
- Hour meter
- Tachometer
- Transmission clutch pressure
- Converter temperature
- Brake accumulator pressure gauge
- Brake accumulator low-pressure warning
- Park brake applied warning light
- Audio/visual alert for high engine temperature
- Audio/visual alert for low engine pressure

ELECTRICAL SYSTEM

- 24 V, 100 A alternator
- Lockable electrical master switch (lockout)
- Maintenance-free 12 V batteries
- 50 W sealed beam headlights: two front, two rear
- Sealed and oil resistant wiring
- Fully sealed connectors
- Fully sealed electrical boxes

OTHER GENERAL EQUIPMENT

- Variable audio backup alarm (87-112 dBA)
- Two 4.5 kg (10 lb) fire extinguishers
- Wheel chocks
- Four nozzle Ansul fire suppression system tied to engine shutdown (LTA-101-30)

OPTIONAL EQUIPMENT

- Wiggins fill system
- Lincoln auto-lubrication package
- Ansul Checkfire automatic actuation fire suppression system with linear detection loop

FLUIDS DELIVERY SYSTEM*

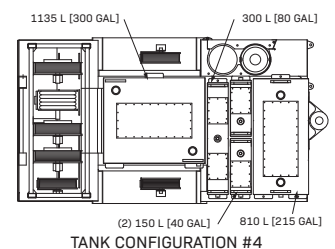
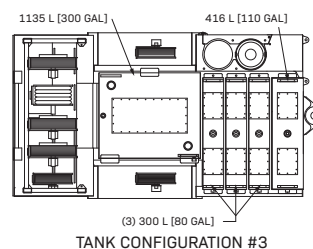
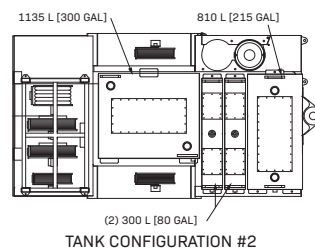
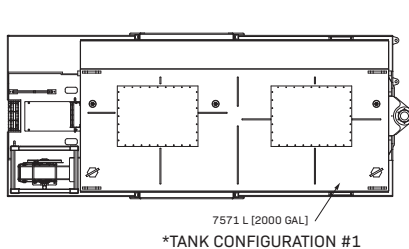
SERVICE TANK SETUP

- Service tanks are supplied with dual fill points, breather/check valves and sight glasses
- Service fluids pumped by hydrostatic powered delivery pumps with built-in relief valves
- Service tanks equipped with 'y' strainers and shutoff ball valves for servicing
- Service tanks are actuated by selector valve
- Each fluid service is equipped with hose and nozzle on spring return reels
- Multiple tank sizes and configurations
- Hose and reel delivery system with 15 m (50 ft) hose for each fluid service
 - › 37.9 L/min (10 gpm)
 - › 75.7 L/min (20 gpm) (available only on diesel service)
 - › 189.3 L/min (50 gpm) (available only on diesel service)
- Compressed air service using engine-driven compressor, including air hose reel
- High-pressure, pneumatic-powered grease service sized for 54 kg (120 lb) drum, with hose reel and nozzle

SERVICE TANK OPTIONS

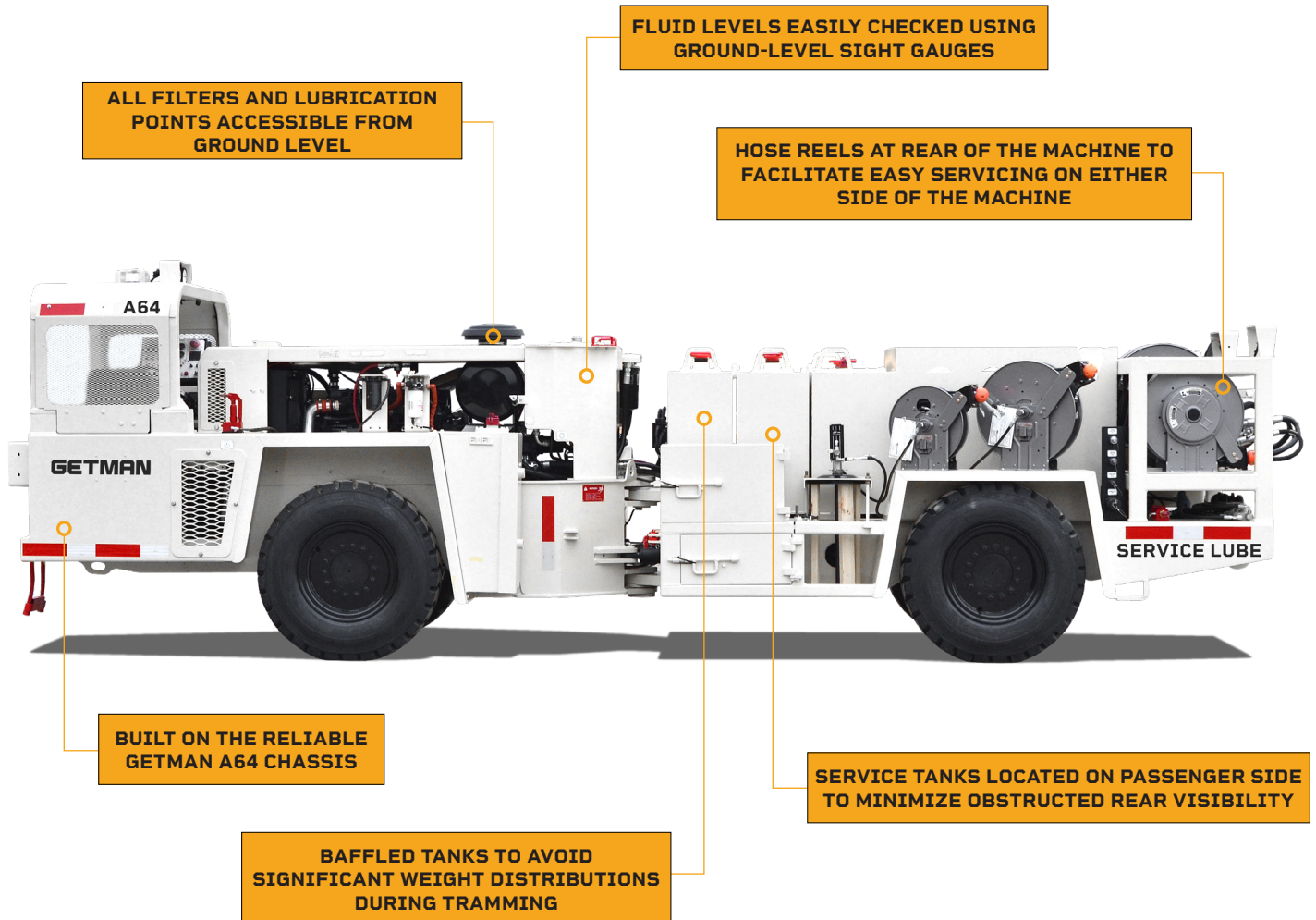
- Service tanks filled through wiggins receivers
- Metered nozzles (flow rate is reduced)
- Wiggins delivery nozzle on diesel service

	TANK 1	TANK 2	TANK 3	TANK 4	TANK 5
*CONFIG #1	7571 L (2000 gal)				
CONFIG #2	1135 L (300 gal)	813 L (215 gal)	302 L (80 gal)	302 L (80 gal)	
CONFIG #3	1135 L (300 gal)	416 L (110 gal)	302 L (80 gal)	302 L (80 gal)	302 L (80 gal)
CONFIG #4	1135 L (300 gal)	813 L (215 gal)	302 L (80 gal)	151 L (40 gal)	151 L (40 gal)

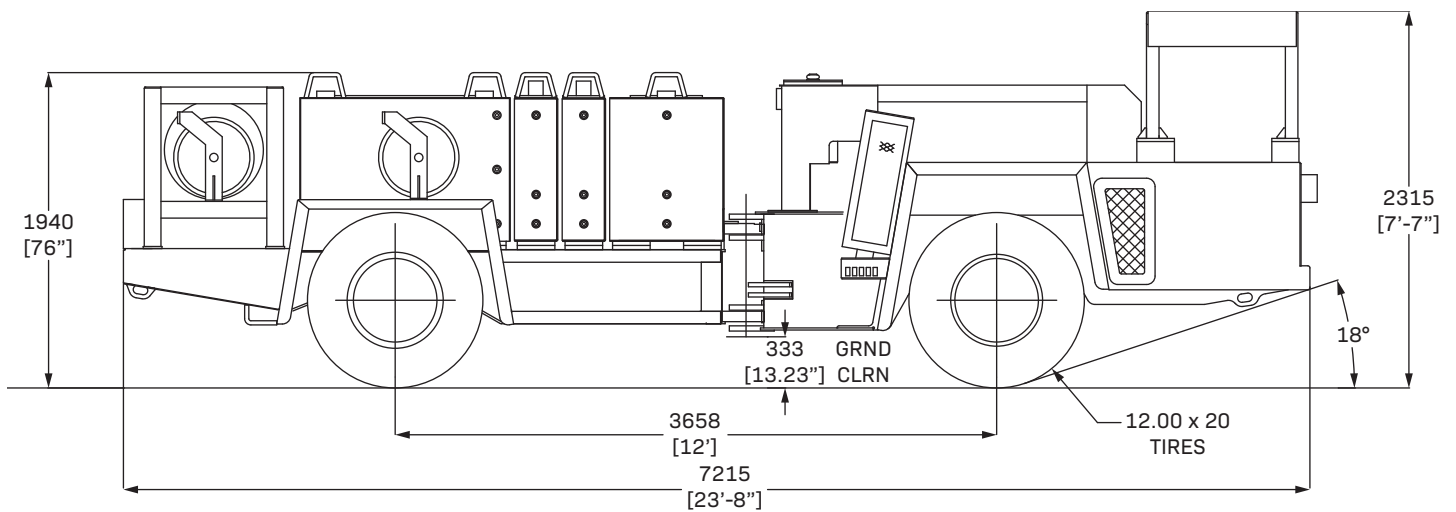


*Consult Getman for special configurations

DESIGN FEATURES AND LAYOUT

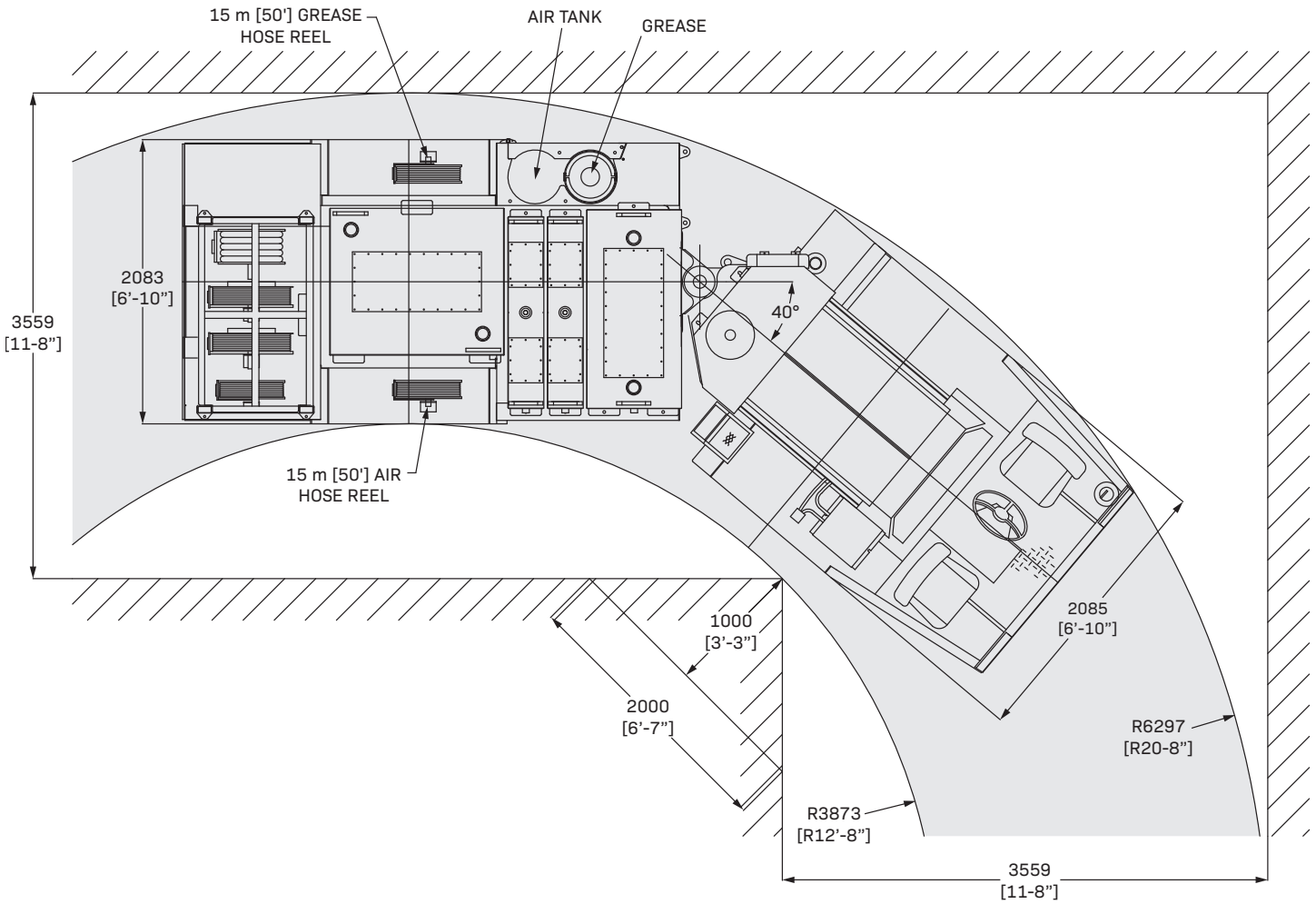


DIMENSIONS AND MANEUVERABILITY



MACHINE LENGTH	7215 mm	284 in
WHEELBASE LENGTH	3658 mm	144 in
GROUND CLEARANCE	311 mm	12.25 in
MACHINE HEIGHT	2315 mm	91 in

DIMENSIONS AND MANEUVERABILITY



MACHINE WIDTH	2083 mm	82 in
INNER TURNING RADIUS	3873 mm	152 in
OUTER TURNING RADIUS	6297 mm	248 in

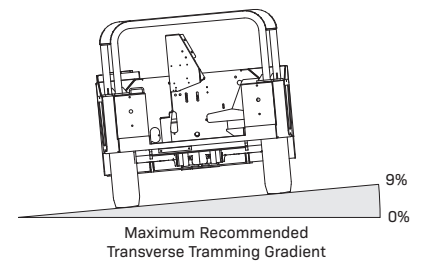
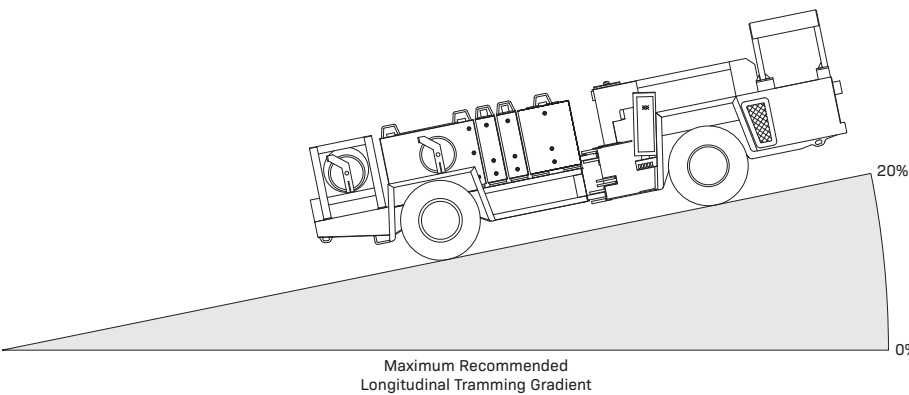
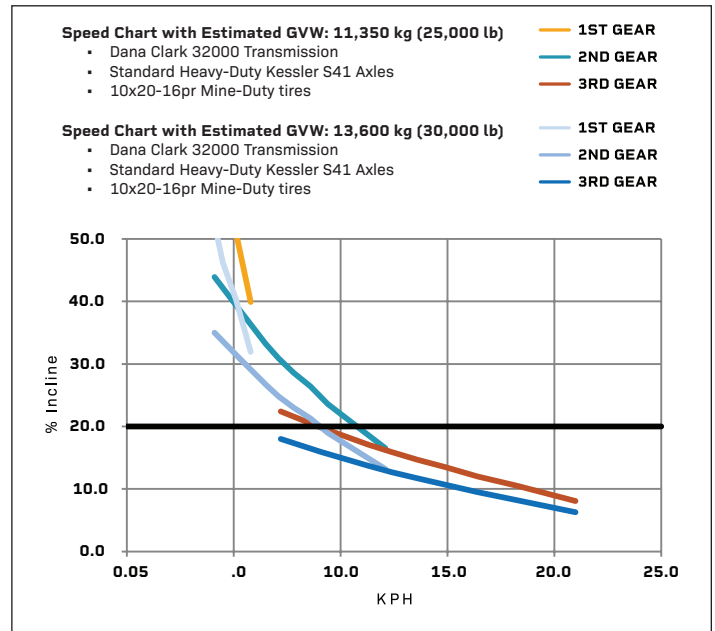
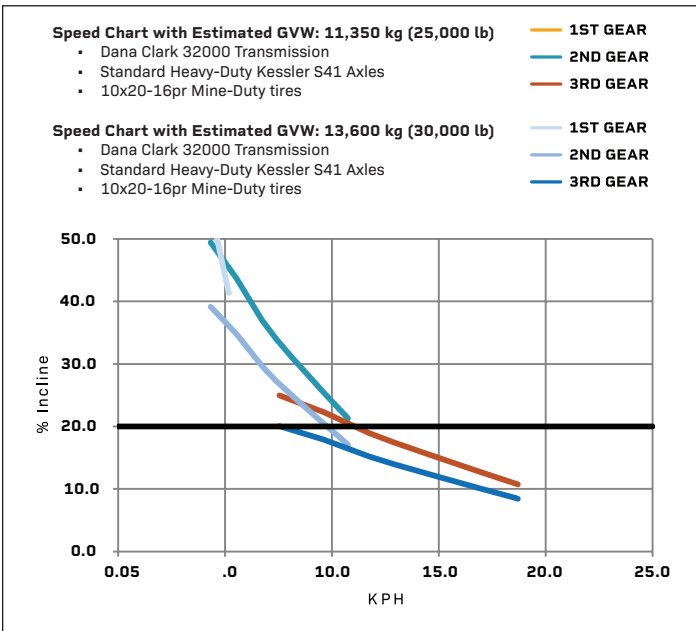
ENGINE AND PERFORMANCE

MERCEDES BENZ OM904 ENGINE PACKAGE

MANUFACTURER	Mercedes
MODEL	OM904
STAGE	Tier III
DESIGN	4 Cylinders in line, water cooled
MAX POWER	129 kW (173 hp) @ 2200 rpm
EXHAUST SYSTEM	Catalytic exhaust conditioner and silencer
ASPIRATION	Turbocharged
FUEL CONSUMPTION	220 g/kW-hr (0.361 lb/hp-hr)

CUMMINS QSB4.7 ENGINE PACKAGE

MANUFACTURER	Cummins
MODEL	QSB6.7
STAGE	Tier III
DESIGN	6 Cylinders in line, water cooled
MAX POWER	164 kW (220 hp) @ 2200 rpm
EXHAUST SYSTEM	Catalytic exhaust conditioner and silencer
ASPIRATION	Turbocharged
FUEL CONSUMPTION	232 g/kW-hr (0.381 lb/hp-hr)





ABOUT GETMAN CORPORATION

Getman Corporation is a global supplier of mobile equipment to the mining industry, offering customer-specific solutions to underground mines in the production and production support classes of equipment. All Getman equipment is designed with extensive research and development and is supported by over fifty years of experience in serving the underground mining industry.

Through our network of distributors we sell and support our products on six continents, offering exceptional product solutions and following up with world class aftermarket support. At Getman Corporation, designing and building equipment for the underground mining industry is what we do. We take pride in being the preferred supplier of underground production and

production support equipment to miners globally by offering customer-specific, value-driven and long-lasting solutions. For more information contact your Getman distributor or email us at info@getman.com, or visit our website at getman.com.

For parts or service support, email us at parts@getman.com or service@getman.com.

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Pictured machines in this document may contain optional and additional equipment.

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