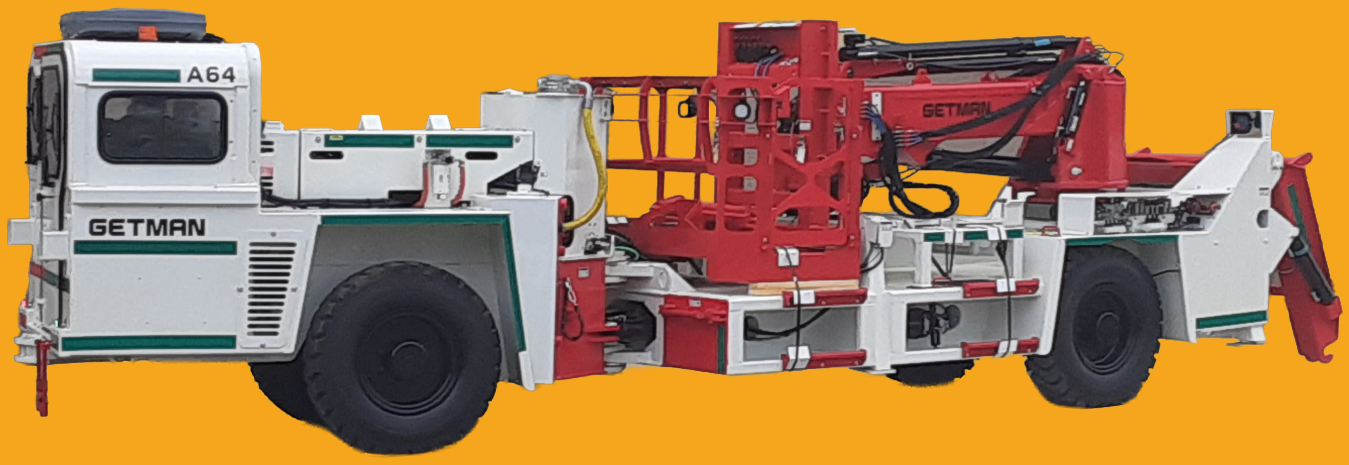
PURPOSE-BUILT MINING EQUIPMENT



GETMAN CABLE STRINGERS are purpose-built mining vehicles designed to facilitate safe installation and recovery of electrical and communications cable in underground mining operations. Cable stringers drive value by facilitating safe and efficient cable installations, and are also used in the removal of installed cable from areas of the mine where that cable is no longer needed, allowing for recouped materials costs and environmental credits for the reuse of materials.

Getman's A64 Cable Stringer is designed to hang cable in tunnels with back heights ranging from 3.5 m high to 9.0 m high (11.5 ft to 29.5 ft), and is designed to work with up to 1980 mm (78 in) diameter cable spools up to 1220 mm (48 in) wide. Cable spools can be picked up and transported by lifting arms at the rear of the machine, simplifying the process of moving cable underground by removing any need to unspool. The 225 kg (500 lb) basket provides ample capacity for a worker and all required materials for cable stringing.

A64 cable stringers protect worker safety through purpose-built design, including fall arrest anchor points in all elevated work platforms. Machine stability is ensured through a simple system of steering and boom swing limitation, and counterbalance valves ensure a gradual and controlled decent of the boom in the unlikely event of a damaged hydraulic hose.

TECHNICAL SPECIFICATIONS

ENGINE
- Stage V/ T4F Approved Cummins B 4.5 - 129kW (173 hp)
- Tier III approved engine (4 cylinder)
  - › Cummins QSB4.5, 127kW (170hp)
- Liquid-cooled, turbocharged
- 113 L (30 gal) fuel tank with self-closing cap
- Ansul LVS FSS, tied to engine shutdown

EXHAUST SYSTEM
- Exhaust after-treatment

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

AXLES
- Planetary drive axles
  - › Kessler S72 higher capacity axle package

TIRES
- Mine service tires
  - › 12.00x20

BRAKE SYSTEM
- Service brakes are spring-applied, hydraulic-released, liquid-cooled multi-disc brakes on all wheels.
- Automatic brake application (ABA) occurs upon fire suppression activation or loss of hydraulic 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

HYDRAULIC SYSTEM
- Hot side/cold side engine layout
- Hydraulic hoses routed to cold side of engine
- Open or closed center hydraulic circuits
- Diagnostic test ports with quick couple fittings for: each axle, service and park brake pressure, and hydraulic pumps
- 10-micron return filter
- 151 L (40 gal) hydraulic reservoir or 250 L (66 gal) hydraulic reservoir

OPERATOR COMPARTMENT
- Three-point contact for entry and exit
- ROPS/FOPS certified canopy
  - › Open cabin
  - › Enclosed cabin with HVAC
- Operator + passenger seating
- Mechanical suspension operator seat
- Retractable lap seat belts

INSTRUMENTATION
- Engine coolant temperature
- Voltmeter
- Hour Meter
- Tachometer
- Transmission charge pressure
- Transmission oil temperature
- Brake accumulator pressure gauge
- Brake accumulator low-pressure warning
- Park brake applied indicator light
- Audio/visual alert for high engine temperature
- Visual alert for low engine oil pressure
- Transmission hours
- Transmission neutralizer
- Audio/visual alert for low hydraulic tank level
- Visual alert Engine ECM

ELECTRICAL SYSTEM
- 24 V electrical system
- Lockable master switch (isolator)
- Maintenance-free batteries
- LED lighting package (IP69K rated)
- Sealed connectors
- Braided outer jacket harness protection

OTHER GENERAL EQUIPMENT
- Variable audio backup alarm (87-112dBA)
- One 2.3 kg (5 lb) fire extinguisher
- Wheel chocks
- Manual actuated Ansul LVS FSS tied to engine shutdown
- Central lubrication system

OPTIONAL EQUIPMENT
- Wiggins fill system
- Lincoln auto-lubrication package
- Ansul Checkfire automatic actuation fire suppression system with linear detection loop
- Door and/or seat belt interlocks
- SICS (Stabilizer Interlock Control System) package, with load-engagement sensors

CABLE HANGING SYSTEM*

CABLE HANGING PACKAGE

- Spool lift arms located at ground level, rear of machine for easy loading
- Reel arms will lift and transport spools up to 78” ϕ x 48” W x 9,500lb
- (1980mm ϕ x 1220mm W x 4,300kg) and accommodate smaller reels
- Air spring drive wheel
- Joystick controlled variable speed reel drive with safety detent to neutral when released
- Dual reel drive controls located on rear frame and in basket
- Cable rollers and guides mounted on all boom sections and the basket
- Frame stabilizers for extended boom slewing and basket coverage

SE (SIDE ENTRY) UPGRADE

- 2-door, side entry, cabin
- Optional enclosed pressurized cab with cabin filter
- Forward & side facing swivel driver seat with armrests, mechanical suspension
- Two sets of pedals
- Joystick steering control
- Distributed Control electrical system
- Enhanced interactive display with a large-format screen
- Vehicle performance monitoring with on-screen gauges and diagnostics



*Consult Getman for special configurations

MAN-LIFT PACKAGE*

MAN-LIFT PACKAGE

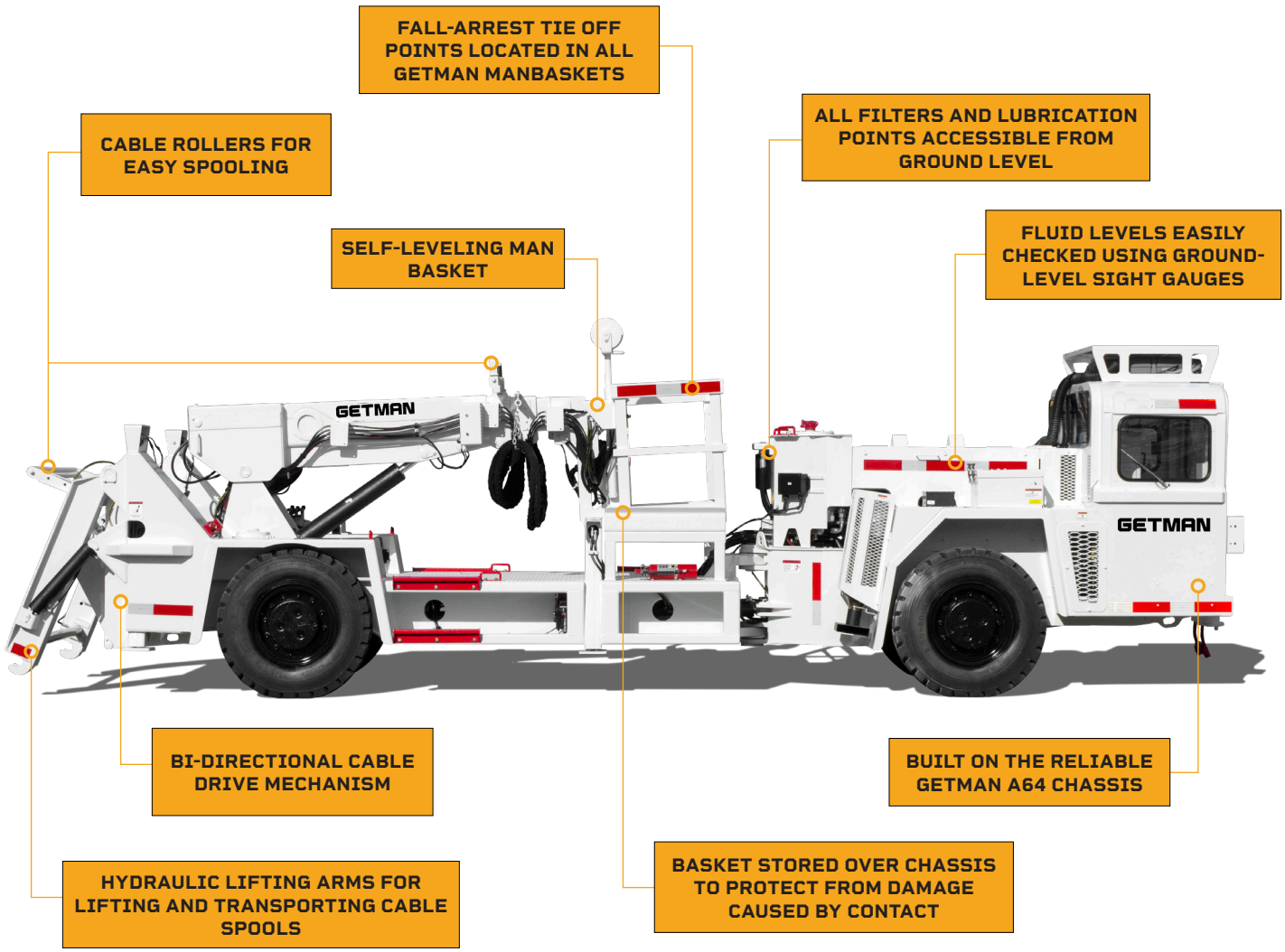
- Getman telescopic boom with counterbalance valves, 2800 mm (110 in) hydraulic extension, and maximum 22° slewing to each side
- Dual boom and basket controls with lower controls mounted at fender and upper controls (pilot hydraulic) mounted in the man basket
- Self-leveling, non-rotating man basket with 544 kg (1200 lb) capacity, non-skid deck, and fall arrest tie-offs
- Horn
- Engine start and engine stop in man basket
- Fire suppression actuator in man basket

STABILITY

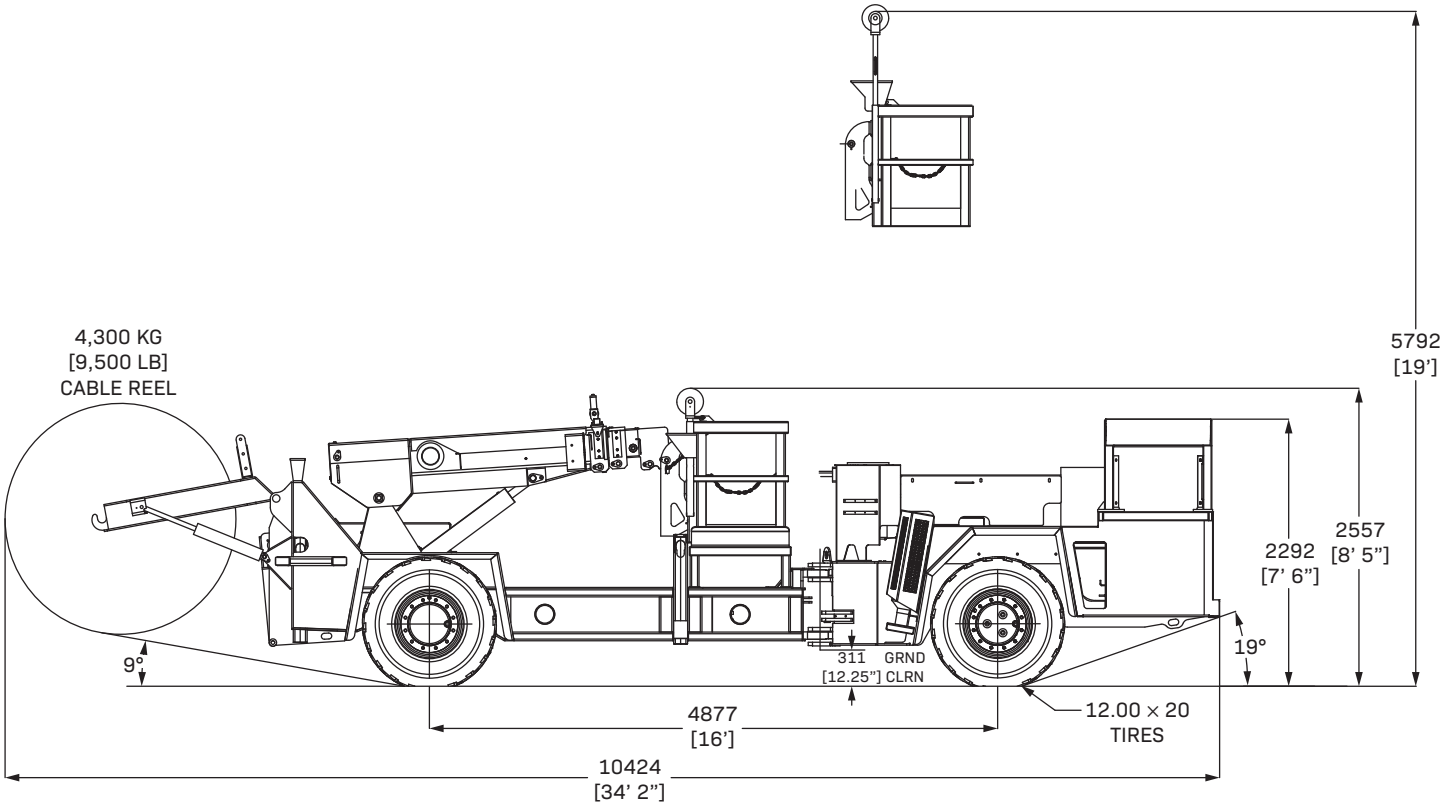
- 610 mm (24 in) hydraulic stabilizers with internal pilot check valves
- Boom slewing limited to 11° while tramming, up to +/- 40° slewing while hydraulic stabilizing jacks are engaged

*Consult Getman for special configurations

DESIGN FEATURES AND LAYOUT

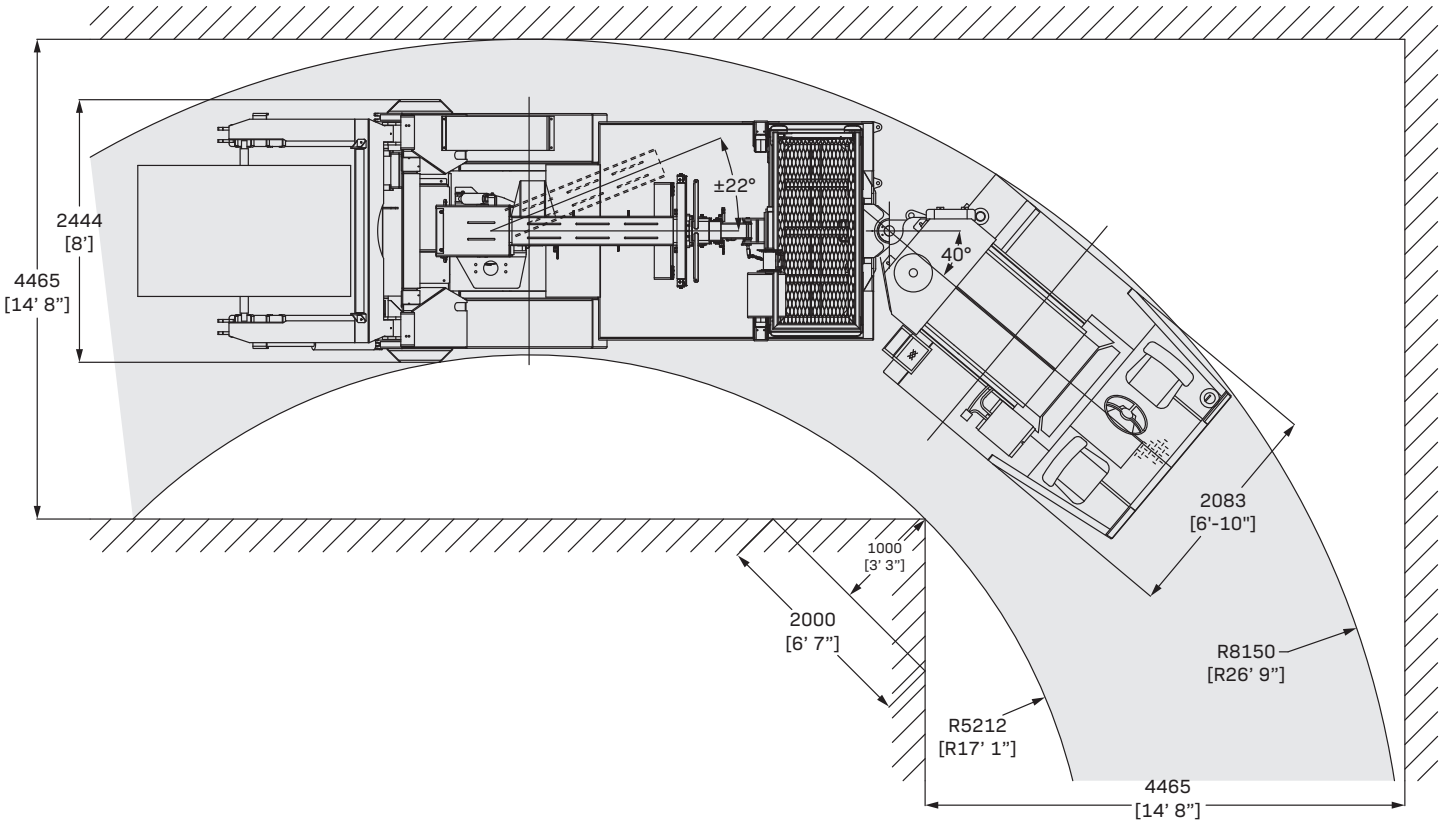


DIMENSIONS AND MANEUVERABILITY



MACHINE LENGTH	10424 mm	374 in
WHEELBASE LENGTH	4877 mm	192 in
GROUND CLEARANCE	311 mm	12.25 in
MACHINE HEIGHT (canopy)	2292 mm	90 in
MACHINE HEIGHT	2557 mm	101 in

Dimensions and Maneuverability

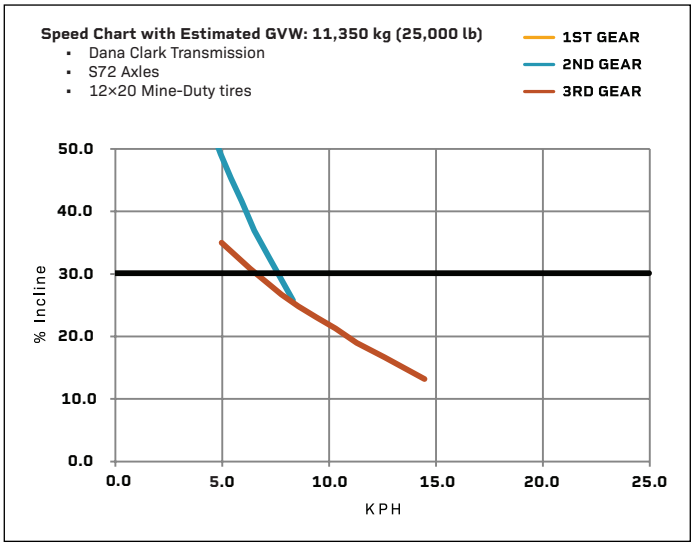


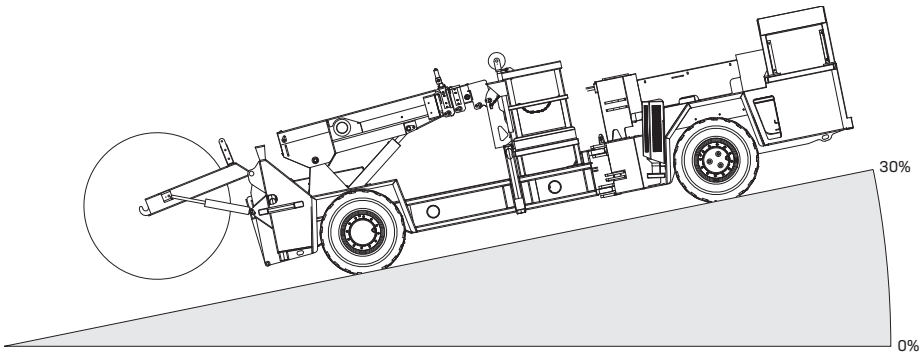
MACHINE WIDTH	2444 mm	96 in
INNER TURNING RADIUS	5212 mm	205 in
OUTER TURNING RADIUS	8150 mm	321 in

ENGINE AND PERFORMANCE

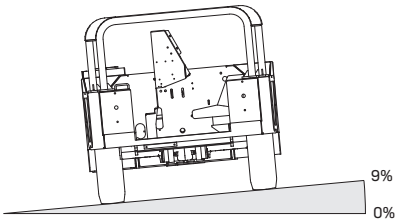
CUMMINS QSB4.5 ENGINE PACKAGE

MANUFACTURER	Cummins
MODEL	QSB4.5
STAGE	Tier III
DESIGN	4 Cylinders in line, water cooled
MAX POWER	127 kW (170 hp) @ 2200 rpm
EXHAUST SYSTEM	Catalytic exhaust conditioner and silencer
ASPIRATION	Turbocharged
FUEL CONSUMPTION	243 g/kW-hr (0.399 lb/hp-hr)





Maximum Recommended
Longitudinal Tramming Gradient



Maximum Recommended
Transverse Tramming Gradient



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 seventy 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 vehicles 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.

GETMAN

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