

TUNNELING SOLUTIONS

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THE Material-Handling Reference performing Tunneling

Having invented the rough-terrain forklift truck in 1958, over the next 50 years MANITOU Group has become **THE Material-Handling Reference. Known for its innovative, safe, and quality machines, GEHL, MANITOU and MUSTANG design** and manufacture machinery that is tailored to the widest range of market needs.



EXPERTISE

Construction	55 years
Mining	25 years
Tunneling	10 years

The reliability, performance, and usability of our machines make them an **indispensable piece of equipment across all grounds and in any conditions. It is therefore natural that MANITOU Group harnesses its own expertise and its network to assist you in your business: the tunneling.**

Present in your sector for over 10 years, we are fully aware of the issues you face (safety, fleet management, workspace control, etc.). This is how we are able to offer you a broad range of surface and underground handling solutions. You can count on the accessibility, advice and expertise of MANITOU Group network for quick and effective assistance.



Skid Steer
Lifting: 3.1 - 3.3 m
Capacity: 0.4 - 1.5 T



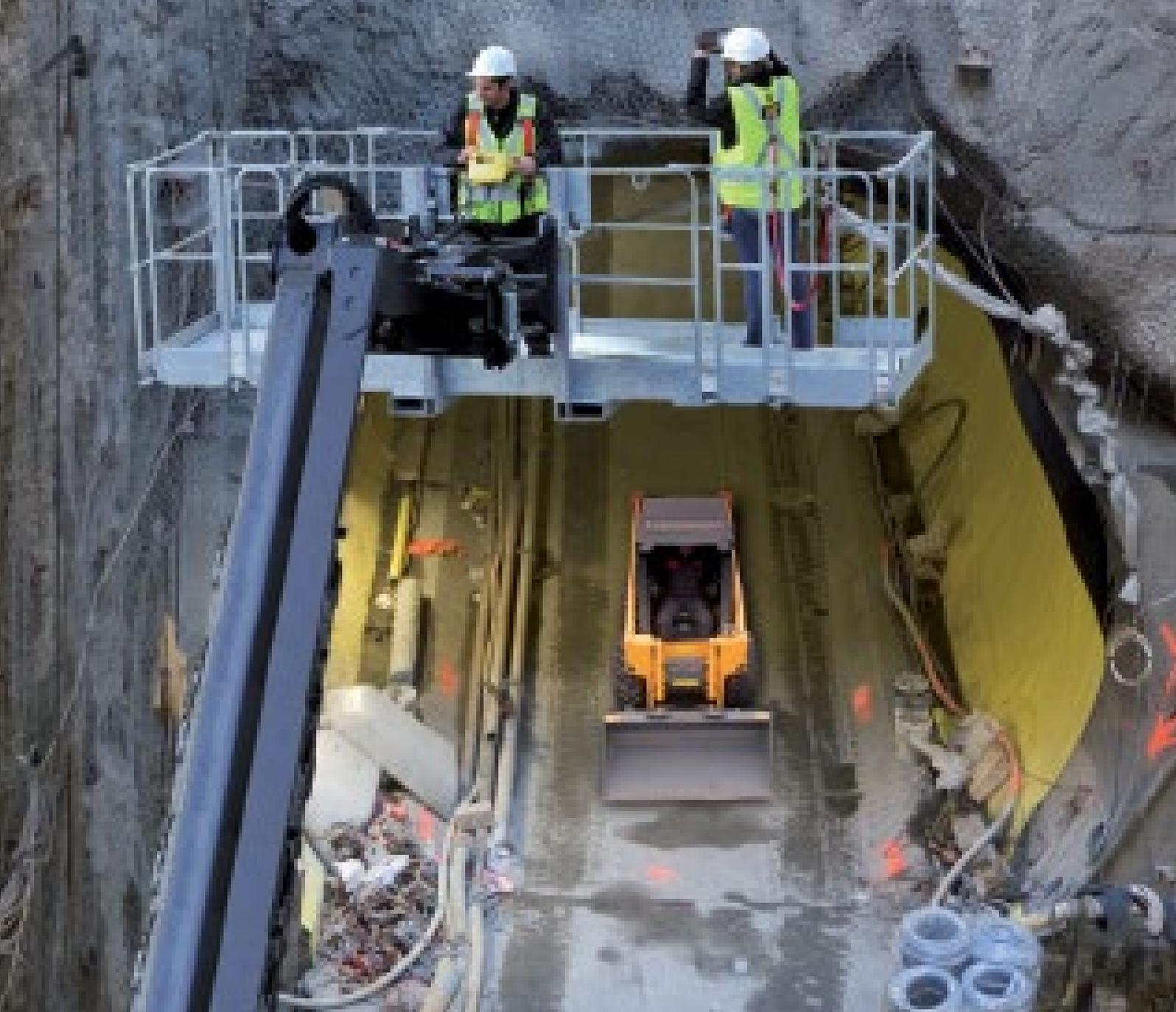
MH
Lifting: 3.3 m
Capacity: 2-2.5 T



MT
Lifting: 6 - 18 m
Capacity: 2.5-4 T



MRT
Lifting: 14 - 25 m
Capacity: 4 - 5 T



MANITOU GROUP is present worldwide on the mining, quarrying, and tunneling markets.



MHT
Lifting: 8 - 10 m
Capacity: 6-22.5T



M
Lifting: 3.7-4.8m
Capacity: 3 - 7 T



ATJ
Workingheight: 16-20m
Max outreach: 8.3-12m
Number of operators: 2

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Surface Applications

At any time, our product range provides the best answer for your issues of ground **preparation**, construction tool assembly and **maintenance, securing** and **optimization** of the phase of materials handling.

With a broad range of available accessories, our machines provide an effective, versatile solution.

Optimising your fleet

Your needs change as the project moves on, and the adaptability of MANITOU machines means lower investments and operating costs.

Equipment versatility:

- using **forks** to handle products: on pallets, flat-packed, in containers, in heavy and bulky loads
- loading, aggregate and securing paths with adapted **buckets**
- installation of production and maintenance structures for production tools (concrete mixer, facilities, conveyors, etc.) using **winches** and **aerial work platform**.

Logistic flow management

"Safe and effective "off-road" handling?"

MANITOU rough-terrain masted forklift is the best solution for 55 years. Its off-road capabilities and compactness will be your main asset for handling any materials.

"Need to move heavy and bulky loads?"

The MT, MRT, and MHT telescopic trucks provide **loading capacities** from **2.5 to 22.5 Tons**. Metal structures, concrete prefabs, cabling, reservoirs... handle and move your loads as you wish!

“ Tanks to MANITOU Group,
I optimise my fleet
of machines improving
safety. ”



Assembly and maintenance of infrastructure with a MRT



Logistics with a MH 25 - 4 Turbo



MRT 2150



MRT 2150, the versatility per excellence:
simultaneously aerial work platform, telescopic truck and crane!



Manage heavy and bulky loads with a MHT 10120

surface

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Underground applications

“Are my optimised surface operations just as effective underground?”

Personnel and machines safety

- Complete load handling,
- excellent **manouvrability** makes access to the narrowest areas easy,
- easy to use, intuitive controls,
- **panoramic vision** (load, accessories, environment) radio-control option for precision work,
- permanent monitoring of machine stability,
- **ROPS and FOPS-certified** cabins,
- **safe** working environment: purging, levelling, drainage, aeration, lighting, etc.

Specifically designed machines, dedicated attachments

Versatility, reliability, all-terrain capabilities, excellent ground clearance, protected critical components; all you need for safe construction.

- Surface levelling, bulk handling, drain maintenance... the GEHL & Mustang skid steer is there for you,
- handling materials, positioning safety structures (ventilation, lighting, etc), our telehandlers get the job done,
- secure and finish arches with 1000kg capacity aerial work platform baskets and the Rib Erector...

"Why use dedicated machinery for consecutive tasks when a single and high efficient machine will do?"

Our machines' compactness and accuracy mean that several machines can work together in perfect safety.

MANITOU Group equipments are fitted with four permanent driving and steering wheels. They are the perfect answer to your space restrictions and accessibility issues in a difficult environment.

Our certified electrical systems (IP 67) allow the use of our machines in extreme, humid conditions.



Anchoring the roof bolts with a MRT 1850 work platform



Clearing and flattening surfaces with a Skid Steer GEHL SL3840



Coordinate simultaneous tasks with a MRT and aerial work platform

underground



“ At last, a solution for the critical rib installation phase? ”

The Rib Erector

The rib handling and transportation tool.

Flexibility: proportional control from the cabin or remote controlled.

Accuracy: 6 combined movements.

Lifting height: up to 12 m.

Lifting capacity: 1.5T - 4T.

Type of grip: clamping.

"What about tricky positions?"

The FOPS work platform mounted Rib Erector guarantees positioning and accessibility at height.

MT X 1235 ST + Rib Erector 2 T



with a MHT with forks



Install your rib with a MRT 2150

THE Material-Handling Reference can make
a world of difference to your operations!



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