

MINING

products & services



 **the manufacturer**
at your doorstep

flui**nnector**[®]
— by **manuli**[®] —

On-site Workshop

flexible service, fast setup
24/7 hydraulic services available at your location

tailored product offer
have the Manuli products you require stocked
for your convenience

On-site Workshop explained

Our On-site Workshops are flexible workshop solutions inside your mine site that offer high level of service and product quality, with the advantage of a team of qualified technicians available 24/7 and inventory dedicated to your needs. With our On-site Workshops, you can have replacement hydraulic hose assemblies manufactured at your mine site.

On-site Workshops have a fully equipped hose assembly workshop, an additional service area and a warehouse that stocks specifically the hydraulic components you require to **reduce your downtime**.

On-site Workshops can offer a wide range of professional services that range from hose crimping to preventive maintenance services of hydraulic lines.

What to expect from Fluiconnecto by Manuli On-site Workshops:

- fully equipped On-site Workshop that stocks customer specific products
- hydraulic service area with professional machines
- specialised products & services covering high pressure hydraulic connections and other industrial applications
- fast setup at your location
- flexibility of service contract
- professional advisory
- qualified technicians
- uncommon products available for order or custom made
- wide range of services



Your benefits:

Save time:

- with 24/7 service availability
- by having a Fluiconnecto Workshop delivered just-in-time
- by working with a full range supplier
- by ordering faster with FLC tagged hoses

Your benefits:

Save money:

- by reducing downtime
- through longer service life of our products
- and time by using our advanced “preventive maintenance” service
- by closely monitoring hose failures and monthly KPI's
- by eliminating your spare parts stockave money:

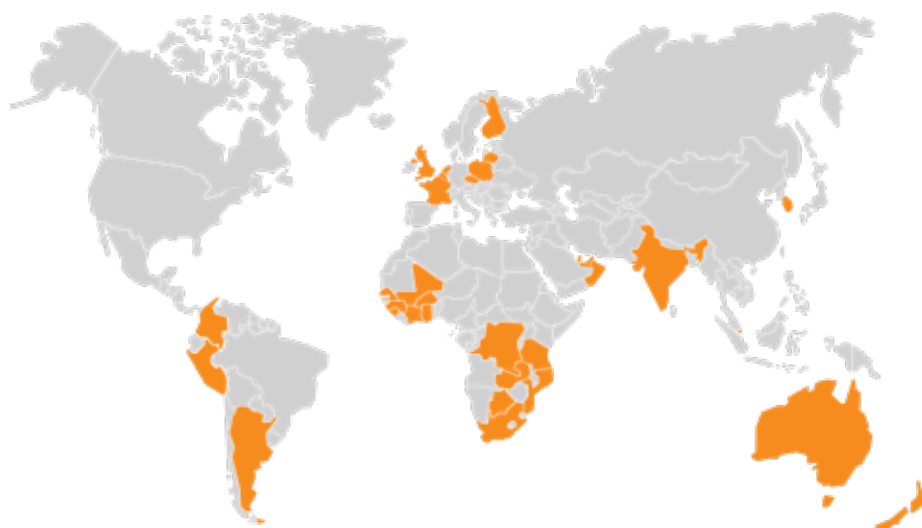
About Fluiconnecto



Fluiconnecto by Manuli, is a leading international service organization, focused on high pressure fluid connectors, providing products and application knowledge, as well as maintenance services, from OEM to end-users in all market segments, through a global network tailored to local conditions.

Fluiconnecto's services are made available at the customer's doorstep in 5 continents, through a network of OEM Assembly Plants, Hydroshops, On-site Workshops and Service On-site Vans.

>200
hydroshops
>185
on-site
workshops
>195
service
on-site vans



Fluiconnecto Mining Division

Mining is one of the key market sectors serviced by Fluiconnecto, with important mining clients spread across the globe, from South America to Queensland, Australia, passing through Africa.

Our customers are some of the leading names in the mining community responsible for the supply of the most strategic and important materials demanded by the world economy including - Aluminum, Copper, Lead, Nickel, Gold, Silver, Platinum, Diamonds and Coal.

Our success in this very demanding sector is based on providing our key customers with **dedicated products and services** that consistently deliver significant reductions in downtime and operational costs.

Fluiconnecto offers a **dedicated Manuli mining product range, designed and developed specifically for the severest applications** commonly found in open pit and underground mines. With upgraded performance far in excess of international specifications the Manuli mining programme provides a longer service life in the most demanding mining environments.

Our offer extends beyond the supply of product. We can establish on-site workshops at the most remote mine sites in order to provide 24/7 product availability, together with preventive maintenance program's to ensure maximum uptime at the most competitive cost.

We will follow our customers wherever they go delivering a consistent product and service offering focused on providing our clients with significant benefits throughout the working life of the mine.

Manuli Rubber Industries

Fluiconnecto is part of the Manuli Rubber Industries group of companies with over 80 years of experience, which includes Manuli-Hydraulics: a leading international manufacturer of hydraulic hoses, connectors and assembled hoses.

Products

High Pressure Hydraulics

the manufacturer
at your doorstep

Rockmaster & Diamondspir
mining hoses



STAPLE LOCK
hose fittings



STAPLE LOCK
adaptors



Quick
couplings



Standard
adaptors



Rigid
pipes



Bite-ring
pipe fittings



Hose
protections



Valves



Clamps



Flange
connections



Manometers
& accessories



Type approvals

MSHA (MINE SAFETY AND HEALTH ADMINISTRATION *USA*) | **PN-G32000, PN-G32010** (MINING HOSE ASSEMBLIES *POLAND*) | **FRAS** (FIRE RESISTANT AND ANTI-STATIC *AUSTRALIA*) | **MA** (MINING PRODUCT APPROVAL *CHINA*)
DGMS (DIRECTORATE GENERAL OF MINES SAFETY *INDIA*) | **B SAFETY** (MINING APPROVAL *POLAND*)

Products

Lubrication & Fuelling*

Automatic lubrication and dispensing systems



Service trucks



Monitoring and reporting systems



Hydraulic oil and grease pumps



Hose reels



Oil & grease dispense equipment



Refuelling systems



Fuel management systems



* available only in Africa

Refrigeration

Hoses



Fittings



Custom connections



Accessories



OEM references

BUCYRUS		FAMUR		HAITIAN GROUP		HITACHI		JCB		JOY GLOBAL		KOMATSU
KOPEX		MANITOU		METSO MINERALS		SANDVIK MINING		SANY MINING		S.M.T SCHARF		
TEREX		VOLVO		XCMG		XUZHOU HUAWEI		ZMM GROUP		ZOOMLION		

Product highlights



ROCKMASTER® & STAPLE LOCK

hydraulic high pressure hoses

hose inserts, adaptors, valves

dedicated & complete mining connection system for improved performance and reduced downtime

ROCKMASTER®

manuli
HYDRAULICS

abrasion

superior abrasion
resistance



flame

retardant



ozone

resistance



°C

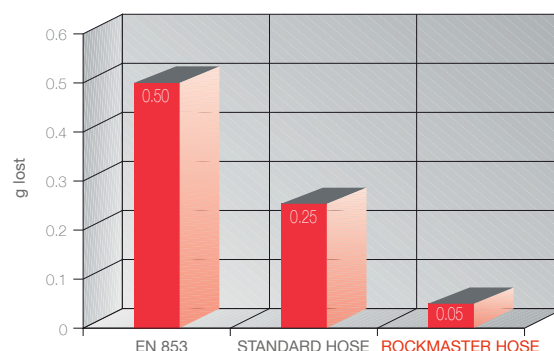
higher temp.
resistance

Key features

Rockmaster hose line:

- dedicated mining hose for improved performance and reduced downtime
- superior abrasion resistance - *lasts longer in demanding applications*
- flame resistance - *approved and internationally certified*
- higher temperature resistance - *up to 121°C for all wire spiralled range*
- sizes up to 3" available in wire braid and wire spiral
- working pressure up to 690 bar
- high environmental resistance

Rockmaster abrasion resistance



Staple lock fittings

male staple ends from DN06 (1/4") up to DN76 (3") conforming to DIN 20043 / NCB638 / BS6537 / SAE J1467. 90 / 135 degree staple hose inserts and stainless steel inserts are available on request

high performance male staple ends from DN12 (1/2") up to DN63 (2.1/2") and Flushfit male and female staple hose inserts for both standard and high performance application from sizes DN40 (1.1/2") up to DN76 (3")



Services

On site workshops



24/7 service
Immediate response
At your minesite
Custom stock

50

mine site
workshops

Trained technicians



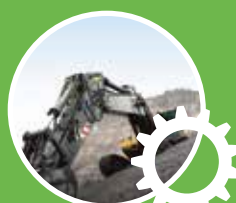
Manuli certified
technicians



8 week

dedicated training
program

Improved uptime



Daily hose
inspections prevent
failures during
production and
improve equipment
uptime

safety

less failures=more
uptime=more safety

Cost reductions



Monthly KPIs
and hose failure
reductions programs
improve equipment
availability

plan

your expenses
using our statistics

PREVENTIVE MAINTENANCE

HYDRAULIC SERVICES THAT PREVENT FAILURES

Mining Houses

ACACIA | ANGLO AMERICAN COAL | ANGLO AMERICAN PLATINUM | ANGLOGOLD ASHANTI
AQUARIUS PLATINUM LIMITED | BHP BILLITON | CALEDON COAL | DE BEERS | EXXARO COAL
FIRST QUANTUM MINERALS | GLENCORE XSTRATA | GOLD FIELDS | HUSBAY MINERALS | MURRAY & ROBERTS
NEWMONT | RANDGOLD | RIO TINTO MINING | SHOUANG HIERRO PERU | VALE EXPLORATION PERU

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quickly locate Hydrosshops

