



# ARAMINE PRODUCT BOOK



**Aramine**

NEVER STOP MINING



1975 - 2025

# WHAT WE DO

# A COMPLETE RANGE OF UNDERGROUND MINING EQUIPMENT

**From narrow vein mines to medium section galleries, Aramine has the most complete and comprehensive range of machines.**

After more than 15 years of development and manufacturing, we have more than 500 machines in operation worldwide.

Designed for the most difficult and varied environments, our machines are mainly used in hard rock mines, at depths ranging from less than 1,000 m to 4,850 m for our largest customer.

Aware of the need to electrify narrow vein mines, Aramine quickly developed the first battery-powered electric loader that can be used without major modifications to the mine's infrastructure.

Today, our battery-powered machines are operating in all continents and represent 20% of our machine production.

Aramine is anticipating this change in our industry with the construction of our new high-tech manufacturing center, which will be dedicated to the manufacture of our BEV machines.

**BATTERY  
MACHINES  
REPRESENT  
20% OF OUR  
PRODUCTION**



 DIESEL



 ELECTRIC



 BATTERY



HIGH  
PRODUCTIVITY



HIGH  
RELIABILITY



LOW  
MAINTENANCE  
COST



BEST  
COMFORT OF ITS  
CATEGORY



DESIGNED FOR  
THE HIGHEST  
CERTIFICATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MODEL    | ENERGY            | WIDTH         | HEIGHT   | BUCKET<br>(STANDARD) | BUCKET<br>(OPTIONS)    | CAPACITY      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|---------------|----------|----------------------|------------------------|---------------|
| <div> <div>DM901 HDE</div>  <div>DM901 HDD</div>  </div>                                                                                                                                                                                                                                                                                                |          |                   |               |          |                      |                        |               |
| MINIDRILLER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DM901HDD | DIESEL            | 1,2 m         | 1900 mm  |                      |                        |               |
| MINIDRILLER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DM901HDE | DIESEL/ELECTRIC   | 1,2 m         | 1900 mm  |                      |                        |               |
| <div>       </div> |          |                   |               |          |                      |                        |               |
| MINING LOADER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | L110E    | ELECTRIC          | 0,88 m        | 1996 mm  | 0,5 m <sup>3</sup>   | 0,6 m <sup>3</sup>     | 1 t           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L130D    | DIESEL            | 1,04 m        | 1990 mm  | 0,6 m <sup>3</sup>   | 0,7 m <sup>3</sup>     | 1,2 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L130E    | ELECTRIC          | 1,04 m        | 1990 mm  | 0,6 m <sup>3</sup>   | 0,7 m <sup>3</sup>     | 1,2 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L140B    | BATTERY           | 1,1 m         | 2010 mm  | 0,7 m <sup>3</sup>   | 0,8/0,9 m <sup>3</sup> | 1,3 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L150D    | DIESEL            | 1,2 m         | 2004 mm  | 0,7 m <sup>3</sup>   | 0,8 m <sup>3</sup>     | 1,4 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L150XD   | DIESEL            | 1,2 m         | 2004 mm  | 0,8 m <sup>3</sup>   | 0,9 m <sup>3</sup>     | 1,6 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L150E    | ELECTRIC          | 1,2 m         | 2004 mm  | 0,7 m <sup>3</sup>   | 0,8 m <sup>3</sup>     | 1,4 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L150XE   | ELECTRIC          | 1,2 m         | 2004 mm  | 0,8 m <sup>3</sup>   | 0,9 m <sup>3</sup>     | 1,6 t         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L 350D   | DIESEL            | 1,5 m         | 1999 mm  | 1,7 m <sup>3</sup>   | 1,8/2 m <sup>3</sup>   | 4 t           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | L 440B   | BATTERY           | 1,73 m        | 2310 mm  | 2,5 m <sup>3</sup>   | 2/2,1 m <sup>3</sup>   | 5 t           |
| <div>      </div>                                                                         |          |                   |               |          |                      |                        |               |
| MINETRUCK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | T500D    | DIESEL            | 1,5 m > 1,4 m | 2004 mm  |                      |                        | 3,9 t > 4,2 t |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T500B    | BATTERY           | 1,5 m > 1,4 m | 2004 mm  |                      |                        | 3,9 t > 4,2 t |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T1301C   | DIESEL ELECTRONIC | 1,65 m        | 1960 mm* |                      |                        | 12 t          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T1601C   | DIESEL ELECTRONIC | 2 m           | 2245 mm* |                      |                        | 15 t          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T1801C   | DIESEL ELECTRONIC | 2,25 m        | 2339 mm* |                      |                        | 17,5 t        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T1801XC  | DIESEL ELECTRONIC | 2,25 m        | 2339 mm* |                      |                        | 20 t          |

\* Height with optional low-profile cab

- Automatic lube system
- Fire suppression system (Powder or watermist)
- Radio Remote Control system
- High altitude compliance
- Oil bath/air cleaner

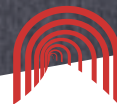
- Particle filter
- Bi-Xenon compact lights
- Certified ROPS/FOPS canopy
- Reverse Visual Alarm
- Emergency power steering (Electro-hydraulic)

- Bucket and steering controls Interlock
- Bucket with anti abrasive blades reinforcement
- Ejector bucket
- Quick disconnect system (for battery)

SERVICE

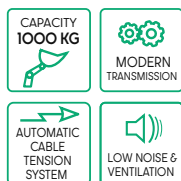
- Training in our Facilities
- Training on Site

- Preventive and corrective service
- Full maintenance and repair contract



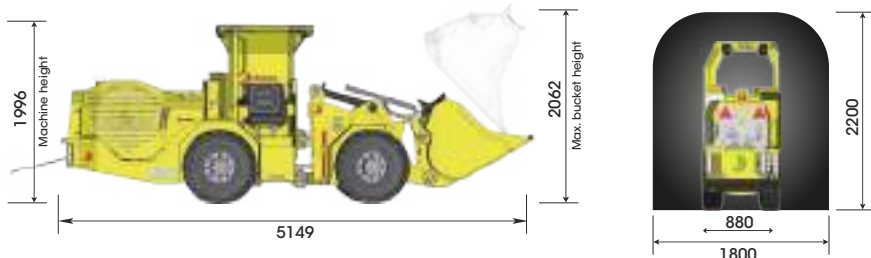
## L110E

ELECTRIC



### MAIN SPECIFICATIONS

|                     |                                                           |
|---------------------|-----------------------------------------------------------|
| Capacity            | 1000 kg                                                   |
| Bucket              | 0.4 to 0.6 m <sup>3</sup> (0,52 to 0,78 yd <sup>3</sup> ) |
| Empty weight        | 4000 kg                                                   |
| Loaded weight       | 5000 kg                                                   |
| Boom raised speed   | 5s (50 Hz) or 7s (60 Hz)                                  |
| Breakout force tilt | 3200 daN                                                  |
| Breakout force lift | 3900 daN                                                  |
| Energy              | Electric 380V - 480V                                      |
| Power               | 30kW(50 Hz) or 35kW(60 Hz)                                |
| Tires               | 7.5R15                                                    |
| Electric system     | 24 V                                                      |



\*Data in mm



## L130D

DIESEL



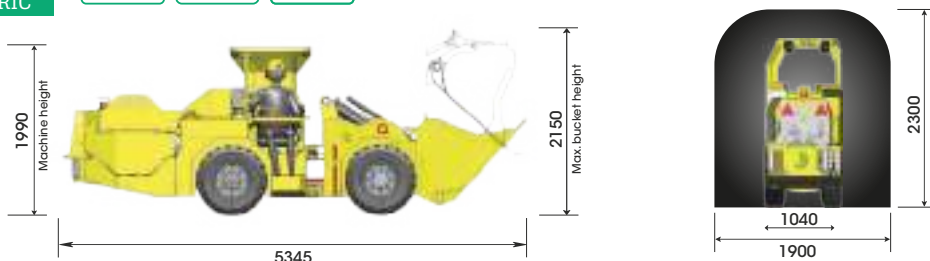
## L130E

ELECTRIC



### MAIN SPECIFICATIONS

|                     | L130D                                                         | L130E                                                         |
|---------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Capacity            | 1200 kg                                                       | 1200 kg                                                       |
| Bucket              | 0.5 to 0.75 m <sup>3</sup><br>(0,68 to 1,00 yd <sup>3</sup> ) | 0.5 to 0.75 m <sup>3</sup><br>(0,68 to 1,00 yd <sup>3</sup> ) |
| Empty weight        | 4700 kg                                                       | 5000 kg                                                       |
| Loaded weight       | 5900 kg                                                       | 6200 kg                                                       |
| Boom raised speed   | 3,5s                                                          | 5.5s (50 Hz)<br>or 6.5s (60 Hz)                               |
| Breakout force tilt | 4000 daN                                                      | 4000 daN                                                      |
| Breakout force lift | 3400 daN                                                      | 3400 daN                                                      |
| Energy              | Diesel                                                        | Electric 380V - 480V                                          |
| Power               | 50kW                                                          | 37kW (50 Hz)<br>or 43kW (60 Hz)                               |
| Tires               | 7.5R15                                                        | 7.5R15                                                        |
| Electric system     | 12 V                                                          | 24 V                                                          |





# MINING LOADER



## L140B

BATTERY

CAPACITY  
1300 KG

TRACTION  
EFFORT  
3,2t

EMISSION  
0%  
CO<sub>2</sub>

INTEGRATED  
CHARGER

LIFE  
CYCLES  
3-5H

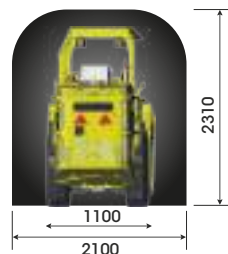
QUICK  
REPLACEMENT  
SYSTEM

Machine height  
2010



5328

Max. bucket height  
2014



2310

1100

2100

### MAIN SPECIFICATIONS

|                     |                                          |
|---------------------|------------------------------------------|
| Capacity            | 1 300 kg                                 |
| Bucket              | 0,7m <sup>3</sup> (0,9 yd <sup>3</sup> ) |
| Empty weight        | 4 700 kg                                 |
| Loaded weight       | 6 000 kg                                 |
| Boom raised speed   | 4,1 s                                    |
| Breakout force tilt | 30 kN                                    |
| Breakout force lift | 35 kN                                    |
| Energy              | Batteries 24 or 42 kWh                   |
| Power               | 2 motors 25 kW                           |
| Tires               | 7.5R15                                   |
| Electric system     | 24 V                                     |

\*Data in mm



## L150D

DIESEL

## L150E

ELECTRIC

CAPACITY  
1600 KG

MODERN  
TRANSMISSION  
& COMPONENTS

CAPACITY  
1600 KG

AUTOMATIC  
CABLE  
TENSION  
SYSTEM

DIESEL  
POWER

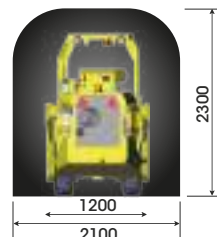
LOW NOISE &  
VENTILATION

Machine height  
2004



5323

Max. bucket height  
2202



2300

1200

2100

### MAIN SPECIFICATIONS

|                     | L150D                                                        | L150E                                                        | L150XD                                                      | L150XE                                                      |
|---------------------|--------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Capacity            | 1400 kg                                                      | 1400 kg                                                      | 1600 kg                                                     | 1600 kg                                                     |
| Bucket              | 0.6 to 0.8 m <sup>3</sup><br>(0,78 to 1,05 yd <sup>3</sup> ) | 0.6 to 0.8 m <sup>3</sup><br>(0,78 to 1,05 yd <sup>3</sup> ) | 0.81 to 1 m <sup>3</sup><br>(1,06 to 1,31 yd <sup>3</sup> ) | 0.81 to 1 m <sup>3</sup><br>(1,06 to 1,31 yd <sup>3</sup> ) |
| Empty weight        | 4800 kg                                                      | 5000 kg                                                      | 5000 kg                                                     | 5200 kg                                                     |
| Loaded weight       | 6200 kg                                                      | 6400 kg                                                      | 6600 kg                                                     | 6800 kg                                                     |
| Boom raised speed   | 3.5s                                                         | 5s(50 Hz)<br>or 4s (60 Hz)                                   | 3.5                                                         | 5s(50 Hz)<br>or 4s (60 Hz)                                  |
| Breakout force tilt | 4000 daN                                                     | 4000 daN                                                     | 4000 daN                                                    | 4000 daN                                                    |
| Breakout force lift | 3400 daN                                                     | 3400 daN                                                     | 3400 daN                                                    | 3400 daN                                                    |
| Energy              | Diesel                                                       | Electric<br>380V - 480V                                      | Diesel                                                      | Electric<br>380V - 480V                                     |
| Power               | 50kW                                                         | 37 kW (50 Hz)<br>or 43 kW (60 Hz)                            | 50 kW                                                       | 37 kW(50 Hz)<br>or 43 kW(60 Hz)                             |
| Tires               | 8.25R15                                                      | 8.25R15                                                      | 8.25R15                                                     | 8.25R15                                                     |
| Electric system     | 12 V                                                         | 24 V                                                         | 12 V                                                        | 24 V                                                        |



## L350D

**DIESEL**

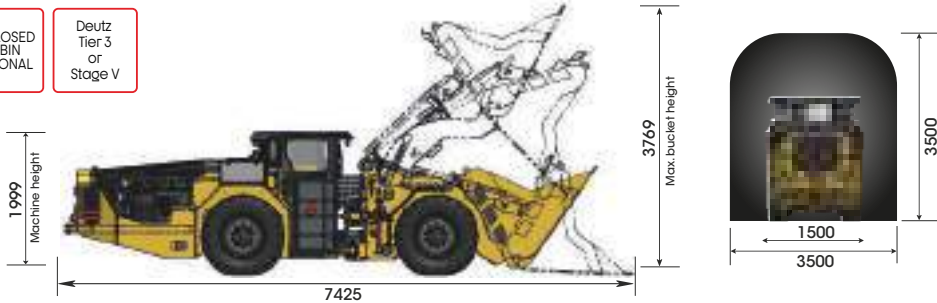
CAN-Bus  
CONTROL  
SYSTEM

ENCLOSED  
CABIN  
OPTIONAL

Deutz  
Tier 3  
or  
Stage V

### MAIN SPECIFICATIONS

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| Capacity            | 4 000 kg                                                    |
| Bucket              | 1.70 to 1.90 m <sup>3</sup> (2,22 to 2,49 yd <sup>3</sup> ) |
| Empty weight        | 13900 kg                                                    |
| Loaded weight       | 17900 kg                                                    |
| Boom raised speed   | 6.5 s                                                       |
| Breakout force tilt | 9600 daN                                                    |
| Breakout force lift | 11000 daN                                                   |
| Energy              | Diesel                                                      |
| Power               | 114kW or 90kW @2300 rpm                                     |
| Tires               | 1200 R 20                                                   |
| Electric system     | 24 V                                                        |



\*Data in mm



## L440B

**BATTERY**

CAPACITY  
**5000 KG**

TRACTION  
EFFORT  
**12T**

EMISSION  
**0% CO<sub>2</sub>**

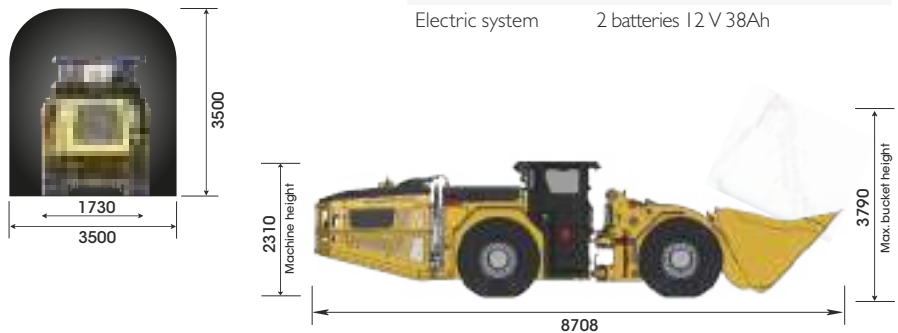
**INTEGRATED CHARGER**

LIFE  
CYCLES  
**4-6H**

QUICK  
REPLACEMENT  
SYSTEM

### MAIN SPECIFICATIONS

|                     |                                           |
|---------------------|-------------------------------------------|
| Capacity            | 5 000 kg                                  |
| Bucket              | 2,4m <sup>3</sup> (3,13 yd <sup>3</sup> ) |
| Empty weight        | 20 350 kg                                 |
| Loaded weight       | 25 350 kg                                 |
| Boom raised speed   | 6 s                                       |
| Breakout force tilt | 13 t                                      |
| Breakout force lift | 13.5 t                                    |
| Energy              | Battery 225 kWh LiFe PO4                  |
| Power               | 2 motors (140 and 90 kW)                  |
| Tires               | 1400 R 24 L5S                             |
| Electric system     | 2 batteries 12 V 38Ah                     |



\*Data in mm



# MINIDRILLER



## DM90 1HDD DM90 1HDE

DIESEL

ELECTRIC

HDE:  
HORIZONTAL  
FACE  
DRILLING

DIESEL  
ENGINE  
DRIVEN

ELECTRICAL  
POWERPACK  
DRILLING

COMPACT

EASY  
OPERATING

DM90J OPTION  
VERTICAL LONG HOLE DRILLING

1900



7900



2500

1200

2500

\*Data in mm



# MINETRUCK



## T500D

DIESEL

AIR COOLED  
TIER 3

L150D  
POWER  
FRAME &  
COMPONENTS

HEAVY  
DUTY  
ARTICULATED  
FRAME

OSCILLATING  
AXLE

AUTOMATIC  
TAIL  
GATE

SIDE  
SEAT  
OPERATOR

## T500B

BATTERY

QUICK  
REPLACEMENT  
SYSTEM

EMISSION  
0%  
CO<sub>2</sub>

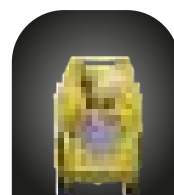
FITS  
LIAGB  
PARTS

2020



5200

2582  
Max. dump box height



2300

1300

2200

\*Data in mm



## T1301C

DIESEL

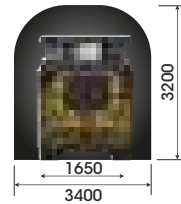
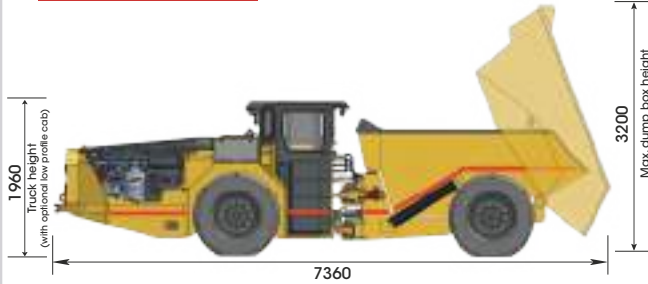
TRAMMING  
CAPACITY  
12 t

6M<sup>3</sup>  
HEAPED  
VOLUME

### MAIN SPECIFICATIONS

|                     |                                         |
|---------------------|-----------------------------------------|
| Capacity            | 12 000 kg                               |
| Heaped dump box     | 6 m <sup>3</sup> (7,8 yd <sup>3</sup> ) |
| Empty weigh         | 14 000 kg                               |
| Total loaded weight | 26 000 kg                               |

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Discharging time | 14s                                                    |
| Engine option 1  | Diesel Air Cooled - Power 110 kw (150 hp) @ 2 300 rpm  |
| Engine option 2  | Diesel Water Cooled - Power 90 kW (121 hp) @ 2 300 rpm |
| Tires            | 12.00R24                                               |
| Electric system  | 24V                                                    |



\*Data in mm



## T1601C

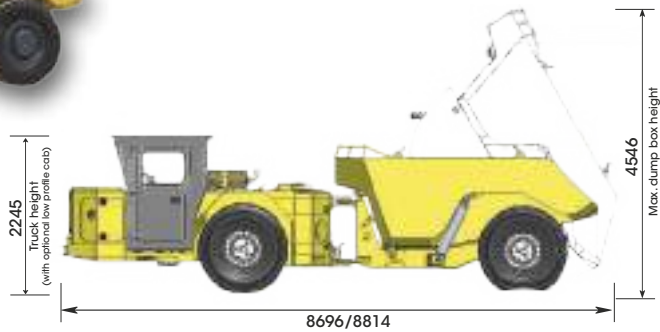
DIESEL

ARTICULATED  
LOW PROFILE

ENCLOSED  
CABIN  
OPTIONAL

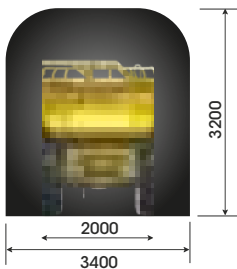
CAN-BUS  
CONTROL  
SYSTEM

CUMMINS  
TIER 3  
OR  
VOLVO  
STAGE V



### MAIN SPECIFICATIONS

|                  |                                                           |
|------------------|-----------------------------------------------------------|
| Capacity         | 15 000 kg                                                 |
| Dump box         | 7.5 to 9.5 m <sup>3</sup> (9,80 to 12,4 yd <sup>3</sup> ) |
| Empty weigh      | 17 500 kg                                                 |
| Volume S.A.E     | 7.5 m <sup>3</sup>                                        |
| Heaped STD       |                                                           |
| Volume S.A.E     | 6.7 m <sup>3</sup>                                        |
| Struck           |                                                           |
| Discharging time | 14s                                                       |
| Energy           | Diesel Water Cooled                                       |
| Power            | 164kW@2200rpm or 175kW@2300rpm                            |
| Tires            | 14.00R24                                                  |
| Electric system  | 24V                                                       |



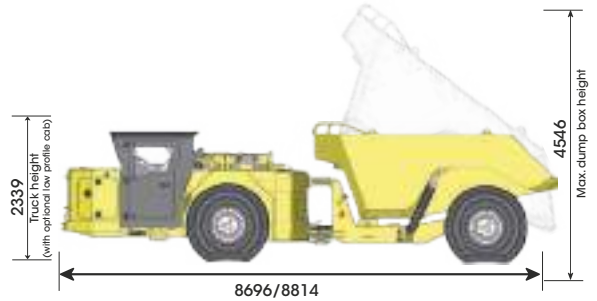
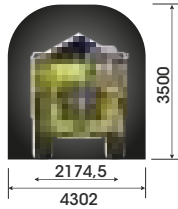
\*Data in mm



## T1801C

DIESEL

18 T  
CAPACITY



### MAIN SPECIFICATIONS

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Capacity        | 18 000 kg                                       |
| Dump box        | 8.5 m <sup>3</sup>                              |
| Power           | 1 64kW/220HP<br>@2200rpm                        |
| Energy          | Diesel Water Cooled                             |
| Tires           | 16.00R24 deeplog type<br>for mining application |
| Electric system | 24V                                             |

## Underground Mining Loaders

### Battery Powered Machines



L140B

SPEC

Virtual tour



L440B

SPEC

Proposals



Scan this QR code to access  
all our product documentation  
& the detailed technical  
specifications of our machines

### Diesel Machines



L130D

SPEC



L150D

SPEC



L150XD

SPEC



L350D

SPEC

# REMANUFACTURING PROGRAM

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**It was in the 1990s that Aramine launched this activity to provide new solutions for its industry: competitive machines with short lead times, while preserving their old fleet.**

After almost 30 years of experience, Aramine has the specific expertise to produce high-quality machines at a competitive cost. The process has been industrialised to support this activity and expand it in response to strong demand.

**Key benefits of our remanufactured machines:**

- Remanufactured on the book, following OEM specifications
- Latest engineering design and performance upgrades included
- Spare parts & components from genuine factories or remanufactured components
- Same performances as original machines
- International warranty

**NEW BUSINESS  
SOLUTIONS:  
RECYCLING**

# QUALITY CHART ARAMINE APPROVED PROCESS

★  
1 YEAR  
WARRANTY

Analysis  
Expertise

1

Disassembling  
of the equipment

2

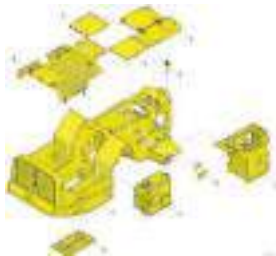
List of material

3

## CHASSIS & STRUCTURE

### GENERAL

- Machine fully disassembled
- Sandblasted pieces
- Inspect all weldments and repair as needed
- Inspect the thickness of all plates and repair as needed
- Repair or replace all damaged pieces
- New fasteners (bolts, nuts, washers...)
- Paint all the pieces separately with high quality polyurethane or epoxy



### BUCKET

- Check all the bores, line boring if needed with insert
- New and genuine pins, bushing, sleeves
- New blade and side cutter
- Adjust capacity to the customer's ore density
- Inspect and replace the wearing parts as needed



### BOOM

- Check all the bores, line boring if needed with insert
- New and genuine pins, bushing, sleeves
- New boom stops



### LOAD FRAME

- Check all the bores, line boring if needed with insert
- New and genuine pins, bushing, sleeves
- New boom and steering stops



### SWIVEL HINGE INSTALLATION

- Check all the bores, line boring if needed with insert
- New and genuine pins, bushing, sleeves
- Inspect lubrication lin
- Adjustment per manufacturer recommendations



### FRAME

- New and genuine pins, bushing, sleeves
- Repair rear axle oscillating area as required
- Repair damaged fenders, hoods, rear engine door and protections
- New or rebuilt Canopy (Rops/Fops if needed)
- Inspect and repair engine and transmission mounts
- Inspect and rebuild as needed the operator compartment

### TANKS

- Inspect, test and repair as needed 6 months warranty



⊕ Remanufacturing process

⊕ Technical documentations

⊕ Start up and follow up

Sand blasting  
Bodywork

4

Painting

5

Power Train  
Reman

6

★  
6 MONTHS  
WARRANTY

Engine  
OES

★  
1 YEAR  
WARRANTY

7

## POWER TRAIN

### ENGINE

- Standard Exchange engine
- Certification will be supplied by Aramine to attest that the engine has been rebuilt and bench tested by the original manufacturer
- Manufacturer international warranty
- Engine special customization, see options



### ENGINE TO TRANSMISSION COUPLING

- New flexplate or other original coupling

### INSTALLATION

- Replace all universal joints
- Inspect condition and replace if needed
- Balance driveline



### AXLES

- Aramine standard exchange component
- New and genuine bearings, seals, and gaskets
- New fasteners and wheel studs
- Replace all worn or suspected parts, by genuine one (ring and pinion gears, planetary gears, axle shafts...)
- Brakes hydraulic test
- Complete axle assembly quality test



### GEAR BOX

- Aramine Standard Exchange Component
- New and genuine bearings, clutch discs, seals, and gaskets
- Replace all worn or suspected parts, by genuine ones (gears, shafts, clutch supports, clutch drums...)
- Certification supplied to attest transmission rebuilt and bench tested



### TORQUE CONVERTOR

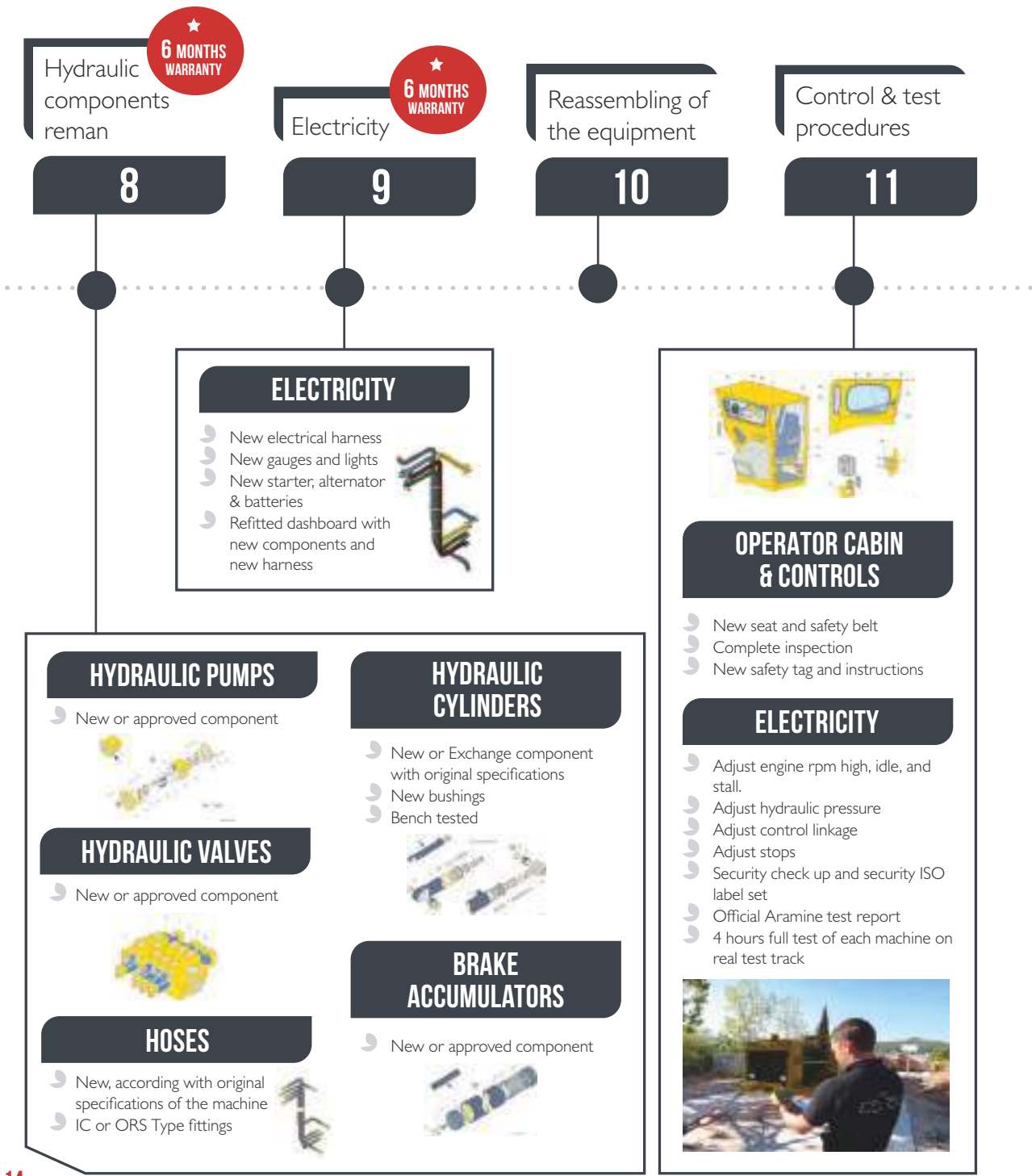
- Aramine Standard Exchange Component
- New and genuine bearings, seals, and gaskets.
- Tested on dynamometer test bench upon original specifications
- Certification supplied to attest torque convertor rebuilt and bench tested

### TIRES

- New tires for Mining Application (Michelin X-Mine type or equivalent)



# QUALITY CHART ARAMINE APPROVED PROCESS



Settings & test track

12

Technical documentation

13

Start up with customer

14

Customer follow up

15

- Two copies and one soft copy of the spare parts catalogue are provided according to the technical feature of the machine with all sections clearly detailed.
- Catalogues are composed of OEM part numbers and correspond 100% to the machine.
- Each catalogue is dedicated for one specific serial number.
- Catalogues are sent separately to the project manager at the arrival of the machine at site for startup.

- At start up, the Aramine service team perform an inspection and test list in presence of the customers (training, maintenance, operations, how to repair and main operations).
- A start up Certificate is delivered at the end of the training.



# ARAMINE INTERNATIONAL SERVICES

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- ☛ Service kit for Aramine machines to facilitate on-site maintenance
- ☛ Large inventory of spare parts to reduce downtime
- ☛ High skilled multilingual technicians
- ☛ Trained service centers close-by
- ☛ Start up
- ☛ On site or factory trainings
- ☛ On site assistance (revision, maintenance, audit, coaching...)
- ☛ High tech equipment: an integrated microSD collects all data and analyses the machine functions, for ever more efficient maintenance

*The best machines are nothing  
without our best technicians*



# SPARE PARTS AND COMPONENTS

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**For over 30 years, Aramine has been at the forefront of the industry as both a manufacturer and a remanufacturer.**

This unique position has given us unparalleled access to the original factories of various manufacturers of other brands. We have leveraged this vast experience and expertise to provide our clients with a wide range of spare parts and components.

Aramine is proud to offer not only innovative machinery, but also a comprehensive service that ensures the longevity and efficiency of your operations. Our commitment extends to the supply of essential parts and components, enabling our customers to maintain their equipment at peak performance. We understand the importance of uptime in your operations and the cost-effectiveness of timely maintenance.

Thanks to our well-established network and expertise, we can supply the right components at the right time. What sets us apart is our ability to offer these parts at prices that challenge those of the original manufacturers. We believe in providing our customers with cost-effective solutions without compromising on quality or reliability.

**THE RIGHT  
COMPONENTS  
AT THE RIGHT  
TIME**



**SmartParts**  
**by Aramine**

# SPARE PARTS AND COMPONENTS

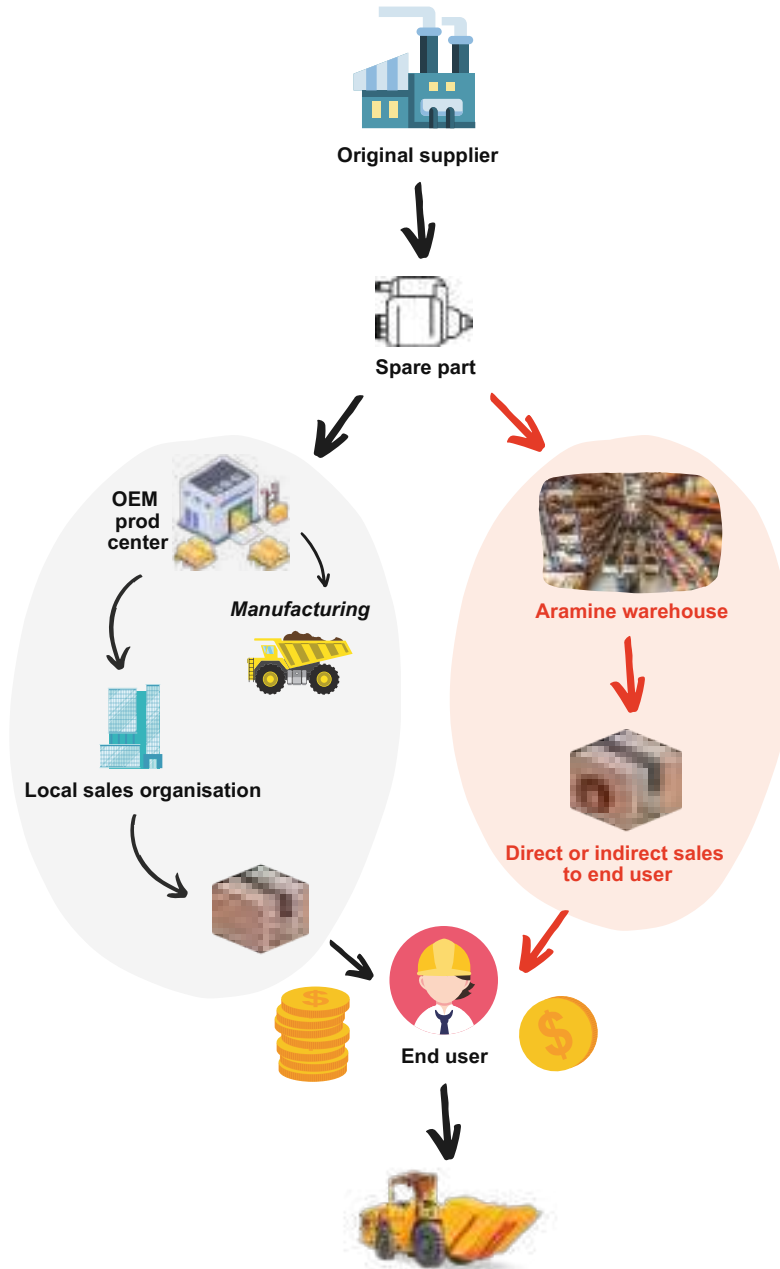
**The widest range of spare parts & components for underground mining equipment.**

- Logistic center of 6 000 m<sup>2</sup>
- 3 warehouses worldwide
- 1.500.000 computerised references
- 850.000 references available
- \$18 millions in stock



# SMART PARTS ROAD MAP

The only SmartPart quality alternative compatible for underground mining equipment.



# YOUR UNDERGROUND MINING SPARE PARTS & COMPONENTS



GEAR BOXES



HYDRAULIC  
COMPONENTS



CYLINDERS



LIGHTS



RADIATORS



AXLES



ELECTRICAL  
COMPONENTS





**1,5 M REFERENCED  
GENUINE PRODUCTS**



**HIGH  
REACTIVITY**



**WORLDWIDE  
DELIVERIES**



**REDUCE  
MAINTENANCE COST**



**DRIFTERS\***

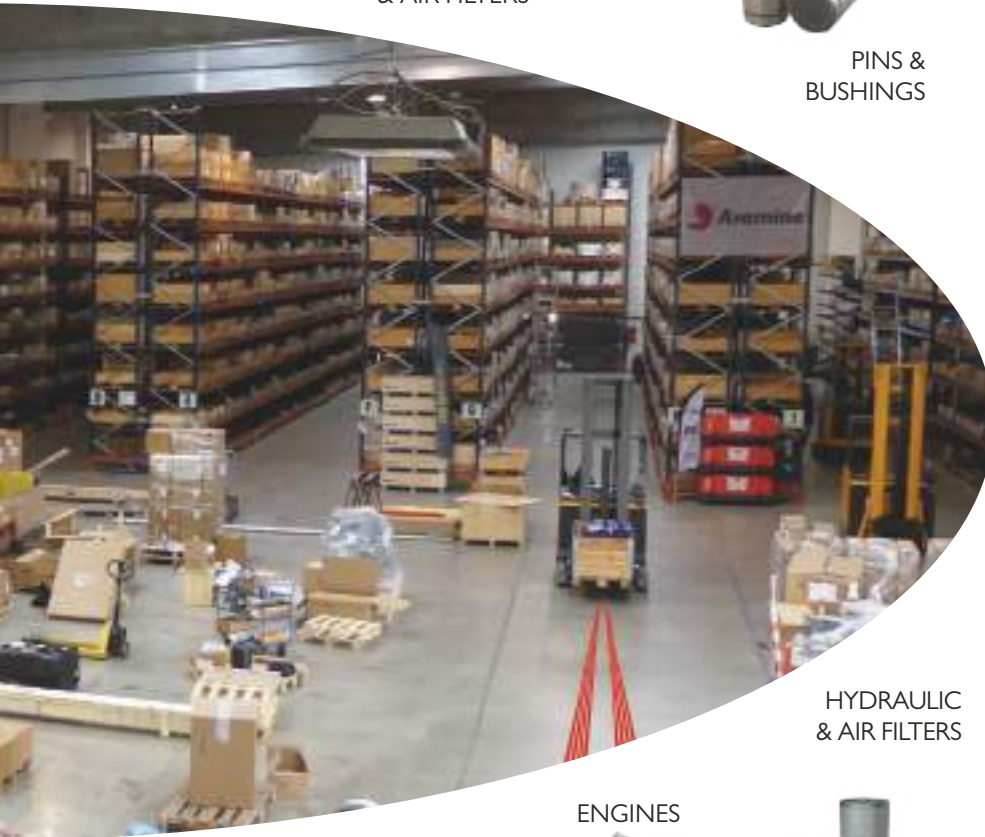
*Remanufacturing  
and Standard  
Exchange program*



**HYDRAULIC  
& AIR FILTERS**



**PINS &  
BUSHINGS**



**HYDRAULIC  
& AIR FILTERS**

**BOOM PARTS**



**RIMS**



**ENGINES**



# REMANUFACTURED COMPONENTS

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## 3 levels of service to meet customer expectations:

- Supply of remanufactured components
- Remanufacturing of your component
- Standard exchange of your component



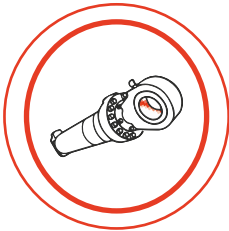


# HOW TO GET OUR PRODUCTS

# E-SHOP: SHOP.ARAMINE.COM

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**Check the availability of your reference  
in one click.**



**SEARCH YOUR  
PART NUMBER  
AMONG 1.5 M  
REFERENCES**



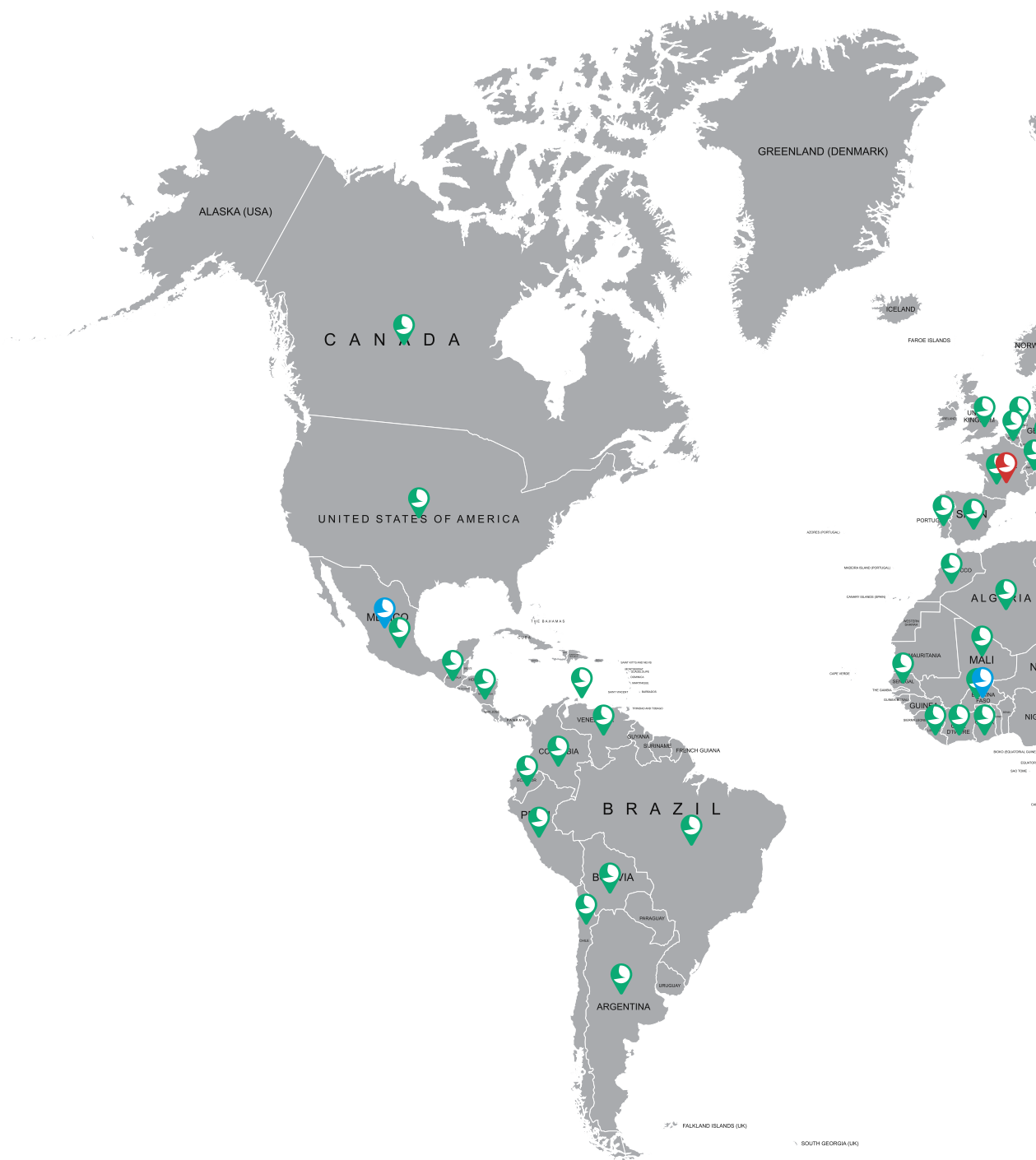
**ORDER ONLINE  
AND RECEIVE IT  
WHEREVER  
YOU NEED IT**



**CHECK OUR STOCK  
FROM ANYWHERE IN  
THE WORLD**



# WORLD WIDE SALES ORGANIZATION





HEAD OFFICE



SUBSIDIARIES



DISTRIBUTORS





PAAP-BP 60205  
158 rue Henri-Bessemer  
13796 Aix-en-Provence  
France

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**[info@aramine.com](mailto:info@aramine.com)**  
**[www.aramine.com](http://www.aramine.com)**  
**[shop.aramine.com](http://shop.aramine.com)**

