

The I.D.S.M.C.

General Info

The Imperial Deep Space Mining Corporation is one of the largest organisations in the Galactic Empire, employing over 5 billion people. The bulk of the employees are stationed on the O.P.S, or Orbital Processing Stations. It is here that the robots and mechs used for mining are manufactured and tested. The I.D.S.M.C. is the sole supplier of raw minerals for the Galactic Empire, providing materials for everything from the huge 16 km high Plasma Generator towers on every planet down to the smallest Healer Microbe and everything in between.

Mine Identification Numbers

Every mine has an Identification Number. It usually looks something like this: MN-prom-1032

The first 2 letters are the mine designation. MN means the mine is a standard mineral extraction mine. There are several other sort of mines, and are covered in detail below. The next 4 letters are simply an abbreviation for the planet's name, in this case, Promethesis. After the planet name comes the actual mine ID#. The other mine designations are as follows.

MI	Military Installation
SD	Storage Depot
MC	Mining Colony
RME	Radioactive Mineral Extraction
RL	Research Lab
AME	Atmospheric Mineral Extraction
HME	Hazardous Mineral Extraction
HVM	Heavy Volatile Mine
MH	Military Headquarters
SWT	Special Weapons Testing

On most planets there is at least 1 Military Installation. Part of the Installation is given over to normal mining, but instead of being transported up to the OPS, it is processed and refined in the mine, and used to make the Special Weapons that are tested in the SWT Mines. Not just weapons come out of the Military Mines. Several Defence Drones have been made and successfully tested. On planets with more than 5 Military Installations, there is a Military Headquarters.

Orbital Processing Stations

Robots & Mechs

The difference between robots and mechs is quite large. The robots are the ones that mine the minerals from a planet's crust. Mechs are usually at least 15 meters in length and act as a focal point for robot operations, sending data on what and where to mine, and transmitting the results up to the OPS. Every robot has a specific purpose, eg detecting minerals, extracting etc.

The following is a list of the most common robots and their functions.

Class 1 Robot

I.D.S.M.C. Utility Robot

Size: 2 meters
Mining Equipment: 2 Pulse Lasers

The Class 1 Robot is the standard I.D.S.M.C. Utility Robot and carries several communication devices.

Class 2 Robot

I.D.S.M.C. Automated Scout Robot

Size: 2 meters
Mining Equipment: None

This robot is generally used for monitoring the progress of other mining robots. It is agile and has several communications devices built in, including a forward pointing holocam and a connection to the comm-net.

Class 2 Medium Lifter

I.D.S.M.C. Maintenance Robot

Size: 4 meters
Mining Equipment: 3 Tungsten swing arms

The Medium Lifter is used mainly for maintenance work in small tunnels. It is swift and agile.

Class 1 Driller

I.D.S.M.C. Mining Robot

Size: 3 meters
Mining Equipment: 2 Argon Vapour Guns
1 Mineral Scanner

The Class 1 Driller is the standard mining robot used to tunnel through porous rock. It is equipped with a scanner to detect minerals through rock up to 10 meters thick. When it comes across seams of the minerals, the Class 1 Driller drops a comm-net beacon that alerts the extraction robots to start.

Class 0 Mining Robot

I.D.S.M.C. Modified Driller

Size: 4 meters
Mining Equipment: 2 Acid Borers

The Class 0 Mining Robot is a modified test version of the Class 1 Driller and is used to tunnel through explosive or hazardous minerals. The acid borers eat away at the surrounding rock, leaving the target mineral untouched. It has advanced intelligence and is heavily armoured.

Class 4 Heavy Driller

I.D.S.M.C. Advanced Prototype

Size: 6 meters
Mining Equipment: 2 Fusion Melta Rifles
6 Uranium Mass Drivers

This robot is used to tunnel through solid rock. As well as tunneling it extracts minerals from the surrounding rock. Its large size comes from the fact that is

has to extract and process the minerals it gets as well as tunneling.

Class 3 Platform Robot

I.D.S.M.C. Analysis Robot

Size: 5 meters

Mining Equipment: Varies

The Class 3 Platform Robot is used to test mining equipment and weapons. It is generally used by the Military to test improved or modified weapons.

Class 2 Defence Robot

I.D.S.M.C. Modified Heavy Driller

Size: 5 meters

Weaponry: 4 Modified Plasma Cannons

The Class 2 Defence Robot is used for sentry positions and defence posts. It was developed by the Military for use in their mines and carries one of the most powerful weapons currently in use: Plasma Cannons. However, they have been modified to fire in rapid bursts, and with an improved cooling system there is no chance of them overheating. The Class 2 Defence Robot is very agile and has advanced intelligence.

Secondary Supervisor Robot

I.D.S.M.C. Coordination Robot

Size: 2 meters

Mining Equipment: None

The Secondary Supervisor Robot is used where the Mechs can't get, their transmissions won't reach, or whatever. It is used to coordinate local robot operations, and increases the awareness of robots nearby.

Class 1 R.C.U

I.D.S.M.C. Coordination Mech

Size: 15 meters

Mining Equipment: 2 Uranium Borer Rifles

The Class 1 Robot Coordination Unit is the standard Mech in most mines.