

NTW-1X Nightwatch

Mass: 55 tons

Chassis: Kressly GRF-1A MDX Mk II (endo steel)

Power Plant: Magna 250

Cruising Speed: 54 km/h

Maximum Speed: 83 km/h

Jump Jets: Rawlings 50

Jump Capacity: 150 m

Armor: Kressly Stoneskin 30N

Armament:

1 BlazeFire Sweetshot ER Large Laser

2 Martel Medium Pulse Laser

2 Hovertek Streak SRM 2 Packs

2 Intek Medium Laser

Manufacturer: Kressly Warworks

Primary Factory: Epsilon Eridani

Communications System: Angst Clear Channel 3

Targeting and Tracking System: RCA Instatrak Mk XII

Overview:

By 3062 the AFFS ordered several manufactures to submit proposals for a new type of medium garrison-class Battlemech. The new design had to offer durability and easy maintenance at a reasonable price.

Following the success of their best-selling Lineholder BattleMech, Kressly Warworks was looking for ways to increase the battle value and versatility of their design. Kressly's designers began to review all available reports on the battlefield performance of the Lineholder. Although the design usually performed quite well, some weak points were discovered. The most prominent one was the heat dissipation system. Kressly's designers decided to change to double heat sink technology to

allow the new Mech to run cool even under the most adverse planetary conditions.

On request by several Mechwarriors they also decided to add jump jets to the new design to increase mobility. This feature required the redesign of the chassis using endo steel to strengthen and lighten the Mech.

Other changes were the replacement of the LRM racks with more efficient streak SRM racks. The missile system was also relocated from the right arm to the right torso to simplify the ammo-feed mechanism. Additionally the ammo bin was protected with CASE and the side torso armor was slightly increased.

Finally the right arm was fitted with a fully articulated hand and two medium lasers. The addition of a hand actuator greatly increases the usefulness of the Mech in non-combat situations.

Based on its intended role as a garrison Mech that will help to protect the citizens of the FedCom from raiders the new design was christened Nightwatch.

Capabilities:

The Nightwatch is an experimental design based on the popular and reliable Lineholder. It shares many components with its parent design which simplifies maintenance and logistics. Because it relies heavily on energy weapons, the Nightwatch can stay in the field for extended periods of time. With a diverse array of weapons, good mobility and a solid armor protection, the Nightwatch is able to engage almost all types of ground targets and cover them with heavy firepower. It is however not well suited for air defense.

Instead of relying on a single primary weapon system, the Nightwatch uses an array of different weapons. At long range the Nightwatch uses an extended range large laser. This weapon is

supplemented by a pair of medium lasers mounted on the right arm and two torso mounted streak SRM-2 racks. Additional firepower is provided by two torso mounted medium pulse lasers. These weapons also act as a infantry deterrent and allow even inexperienced Mechwarriors to hit difficult targets. Because the weapon systems are spread across different locations the loss of an arm or even a side torso will not leave the Mechwarrior without defense.

Kressly's sales managers like to point out that their new design offers the firepower of a Guillotine combined with the mobility and armor protection of a Wolverine and the easy maintenance of a Lineholder at price of less than 5.5 mio. c-bills.

Deployment:

The first Nightwatch prototypes just left Kressly's production lines on Epsilon Eridani and are scheduled to undergo extensive testing within the next months. The results of the field testing will decide whether Kressly will get a major contract with the AFFS to provide large quantities of garrison Mechs.

Variants:

Some critics of the new design claim that the range of the new armament package is too short. As a result Kressly also offers a Nightwatch variant that replaces the streak-SRM racks and one heat sink with two LRM-5 racks.

Kressly also plans to offer field upgrade kits that replace the arm-mounted medium lasers with extended range models, as soon as these weapons become sufficiently available.

NTW-1X Nightwatch

Type: **Nightwatch**
Technology Base: Inner Sphere 3050
Tonnage: 55

Equipment		Mass
Internal Structure:	Endo Steel	3
Engine:	275	15.5
Walking MP:	5	
Running MP:	8	
Jumping MP:	5	
Heat Sinks:	12[24]	2
Gyro:		3
Cockpit:		3
Armor Factor:	168	10.5
	Internal Structure	Armor Value
Head	3	9
Center Torso	18	25
Center Torso (rear)		8
R/L Torso	13	20
R/L Torso (rear)		6
R/L Arm	9	18
R/L Leg	13	19

Weapons and Ammo	Location	Crit	Tonnage
ER Large Laser	LA	2	5
2 Medium Laser	RA	2	2
Medium Pulse Laser	RT	1	2
Medium Pulse Laser	LT	1	2
2 Streak SRM 2	RT	2	3
Ammo (SRM) 50	RT	1	1
2 Jump Jets	LT	2	1
2 Jump Jets	RT	2	1
1 Jump Jet	CT	1	1
CASE	RT	1	0.5

