

# SERVICE BULLETIN

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#206

MODEL: Universal Diesel  
Propulsion Models

SUBJECT: R.P.M. Ranges

There appears to be some conflicting specifications in the field with regards to r.p.m. ranges for the current Universal propulsion models such as idle range, cruising range and maximum r.p.m. range.

Below is a list of current Universal models with recommended r.p.m. ranges:

<u>Model</u>	<u>Idle R.P.M.</u>	<u>Cruise R.P.M.</u>	<u>Maximum R.P.M.</u>
M2-12	1000 - 1200	2500 - 3000	3500 - 3600
M3-20	1000 - 1200	2500 - 3000	3500 - 3600
M25XP	1000 - 1200	2100 - 2600	3100 - 3200
M4-30	1000 - 1200	2500 - 3000	3500 - 3600
M-35	800 - 1000	2100 - 2600	3100 - 3200
M-40	800 - 1000	1800 - 2200	2700 - 2800
M-50	800 - 1000	2000 - 2500	2900 - 3000

Note: Attempting to reduce idle speed below the minimum shown may produce unstable engine operation and stalling.

Note: The propeller used either 2 or 3 blade, should allow the engine to reach its maximum rated r.p.m. +0 - 100 r.p.m. at full open throttle underway in forward gear to ensure the availability of rated horsepower when needed.