



POWER SWIVEL COMPARISON

AERO

CONVENTIONAL

ENGINE

New VM Detroit	Old 4-53 4-71 Detroits
Quieter	Loud
More fuel efficient	No spark arrestor
Has a spark arrestor	
Meets pollution specs.	
Better cold weather starter	

WINCH

Bradian	Tulsa
No dogs to lock – always engaged much safer	Always have to engage dogs
	Risk if dogs are in

HYDRAULIC FLUID

22 weight - lighter fluid	32 weight
Faster response in winter	Slower response in winter
Thermostatically controlled cooler	No coolers
Has moisture removal filter system	No water filter (winter freezing)

CONTROL

Class 1 electric switches	Pneumatic
Able to control Swivel Head speed from 0-150 rpm	Not consistent control (air pressure)
Able to turn Swivel Head very small amounts – safer – better control	Can't control speed
ESD on panel and on skid – both always live	No panel lockout
Has panel lock out	Stop or go control only
1 cord and 2 hydraulic lines	1 ESD on panel that needs air pressure to operate
	Air lines freeze up

Aero Rental Services

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