

## OKK VM 7III POWER REQUIREMENTS

<u>MODEL</u>	<u>SPECS CONTROL</u>	<u>KVA</u>	<u>AMPS @ 220</u>	<u>AMPS @ 480</u>
<b><u>VM 7III</u></b>				
<b><u>40 TAPER</u></b>				
	8/10 K RPM FANUC	40	105	48
	MITS	41	107	49
	14 K RPM FANUC	53	139	64
	MITS	41	107	49
	20 K RPM FANUC	53	139	64
	MITS	51	134	61
<b><u>VM 7III</u></b>				
<b><u>50 TAPER</u></b>				
	6/8/10 K RPM FANUC	37	97	45
	MITS	45	118	54
	13 K RPM FANUC	61	160	73
	MITS	66	173	79

### CLASS 3 GROUNDING LESS THAN 100 OHMS REQUIRED

#### OIL REQUIREMENTS:

<u>LUBE AREA</u>	<u>OIL TYPE</u>	<u>Quantity</u>
		<b><u>VM 7III</u></b>
SPINDLE HEAD OIL/AIR MIST (10K RPM & HIGHER)	MOBIL DTE LIGHT	.5 GAL.
	MOBIL VELOCITE #6	
SPINDLE HEAD w/o BALLSCREW COOLING		
	MOBIL VELOCITE #3	13 GAL. (13-20k RPM)
SPINDLE HEAD w/ BALLSCREW COOLING		
BALLSCREW COOLING UNIT	MOBIL VELOCITE #3	
BALLSCREW COOLING UNIT	MOBIL VELOCITE #6	
WAYS	SHELL TONNA V68	1 GAL.
OIL FOR AIR	MOBIL DTE LIGHT	6 OZ.
COOLANT TANK		95 GAL.

\*\*\*NOTE: VM7 AND VM5III MACHINES WITH BALLSCREW CORE COOLING WITH 13K, 14K AND 20K MS SPINDLES ONLY, USE MOBLE VELOCITE #3 IN PLACE OF #6 IN SPINDLE HEAD/BALLSCREW COOLER UNIT 13 GALLON

#### AIR REQUIREMENTS:

UP TO 8K RPM MIN 8 CFM @ 70-100 PSI  
8K RPM AND ABOVE MIN 14 CFM @ 70-100 PSI

AIR FITTING SIZE: 5/8 DIA. MINIMUM ID