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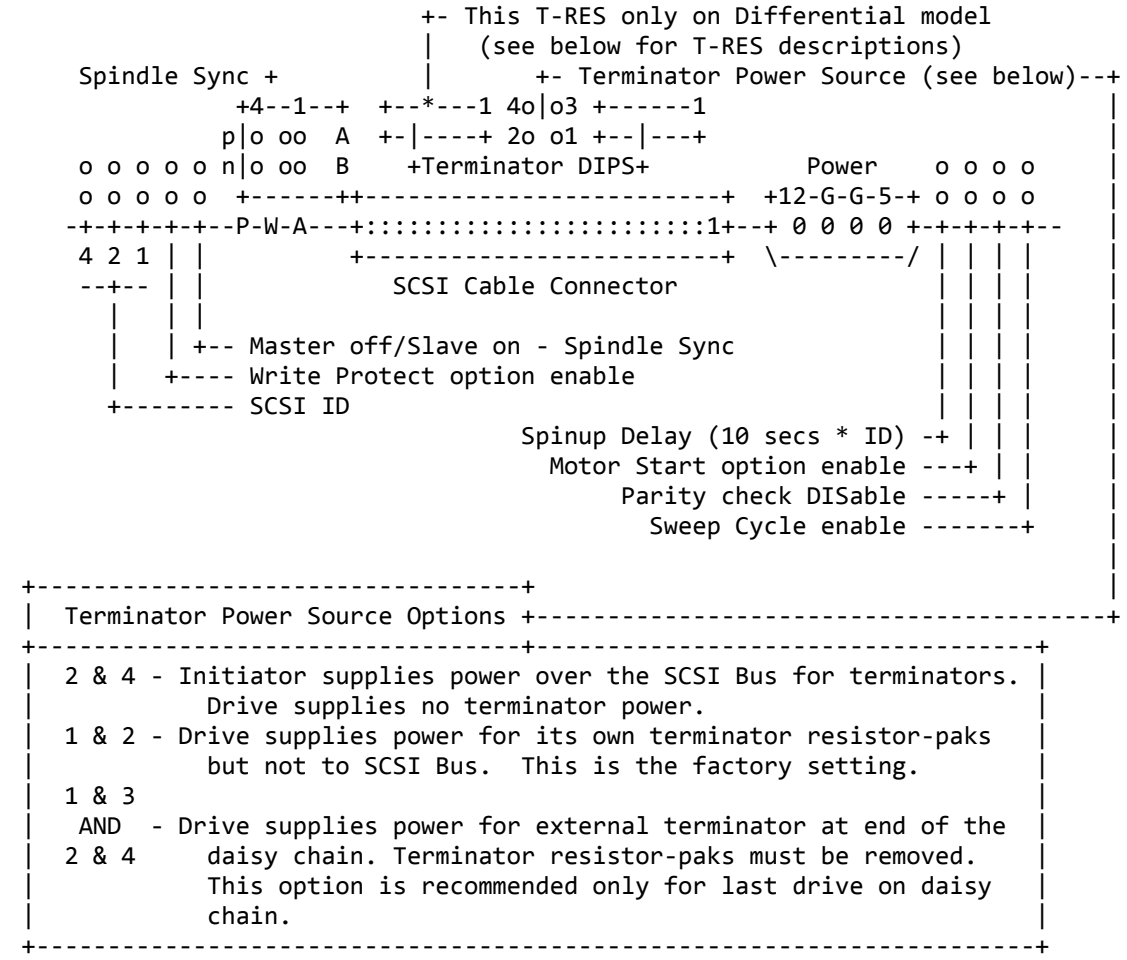
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Specifications for ST-41600N

SEAGATE TECHNOLOGY, INC.
1-800-SEAGATE
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ST-41600N (97501-16G) Elite-1 FH SCSI-2



Terminator Power Source Options	
2 & 4	Initiator supplies power over the SCSI Bus for terminators. Drive supplies no terminator power.
1 & 2	Drive supplies power for its own terminator resistor-paks but not to SCSI Bus. This is the factory setting.
1 & 3 AND 2 & 4	Drive supplies power for external terminator at end of the daisy chain. Terminator resistor-paks must be removed. This option is recommended only for last drive on daisy chain.

T-RES descriptions: ST41600N 1 DIP
ST41601N 2 SIPs
ST41600ND 2 DIPs
ST41601ND 2 DIPs

ST-41600N
Elite-1 FH

UNFORMATTED CAPACITY	1,600,930,800
FORMATTED CAPACITY (xx SECTORS)	1,370,545,152 **
AVERAGE SECTORS PER TRACK (with spares)	74.945
ACTUATOR TYPE	ROTARY VOICE COIL
TRACKS/USER	35,717/35,666
CYLINDERS/USER	2,101/2,098
HEADS	17
DISCS	10
MEDIA TYPE	THIN FILM
HEAD TYPE	THIN FILM
RECORDING METHOD	ZBR RLL (2,7)
INTERNAL TRANSFER RATE (mbits/sec)	26 to 36
EXTERNAL TRANSFER RATE (mbytes/sec)	5
SPINDLE SPEED (RPM)	5,400
AVERAGE LATENCY (mSEC)	5.56
COMMAND OVERHEAD (msec)	<0.5
BUFFER	256 Kbyte
Read Look-Ahead, Adaptive, Multi-Segmented Cache	
INTERFACE	SCSI-2
BYTES PER TRACK	36,120 to 50,400
SECTORS PER DRIVE	2,676,846
TPI (TRACKS PER INCH)	
BPI (BITS PER INCH)	
AREAL DENSITY	
AVERAGE ACCESS (ms)	11.5
SINGLE TRACK SEEK (ms)	1.7
MAX FULL SEEK (ms)	22.5
MTBF (power-on hours) Class A Room	250,000
MTBF (power-on hours) Office	150,000
POWER DISSIPATION (watts/BTU)	
POWER REQUIREMENTS: Single-ended/Differential	
+12V START-UP (amps)	2.2/3.2
+12V TYPICAL (amps)	1.8/1.8
+5V TYPICAL (amps)	2.1/2.4
TYPICAL (watts)	32.1/33.6
MAXIMUM (watts)	39.1/41.6
LANDING ZONE (cyl)	AUTO PARK
USER MANUAL PART NUMBER	83327460
REFERENCE MANUAL PART NUMBER	83327470
IBM AT DRIVE TYPE	0 or NONE
OTHER	

ZBR = Zone Bit Recording = Variable sectors per track

** Already low-level formatted at the factory with six spare sectors per cylinder, one spare cylinders/unit, one system cylinder/unit, and one diagnostic cylinder/unit.

Physical:

Height (inches/mm):	3.25/82.6
Width (inches/mm):	5.75/146.1
Depth (inches/mm):	8.0/203
Weight (lbs/kg):	7.8/3.6

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Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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