

SECTION 51

ELECTRONIC MAINTENANCE

WIRING DIAGRAM SCHEMATIC NUMBER 1

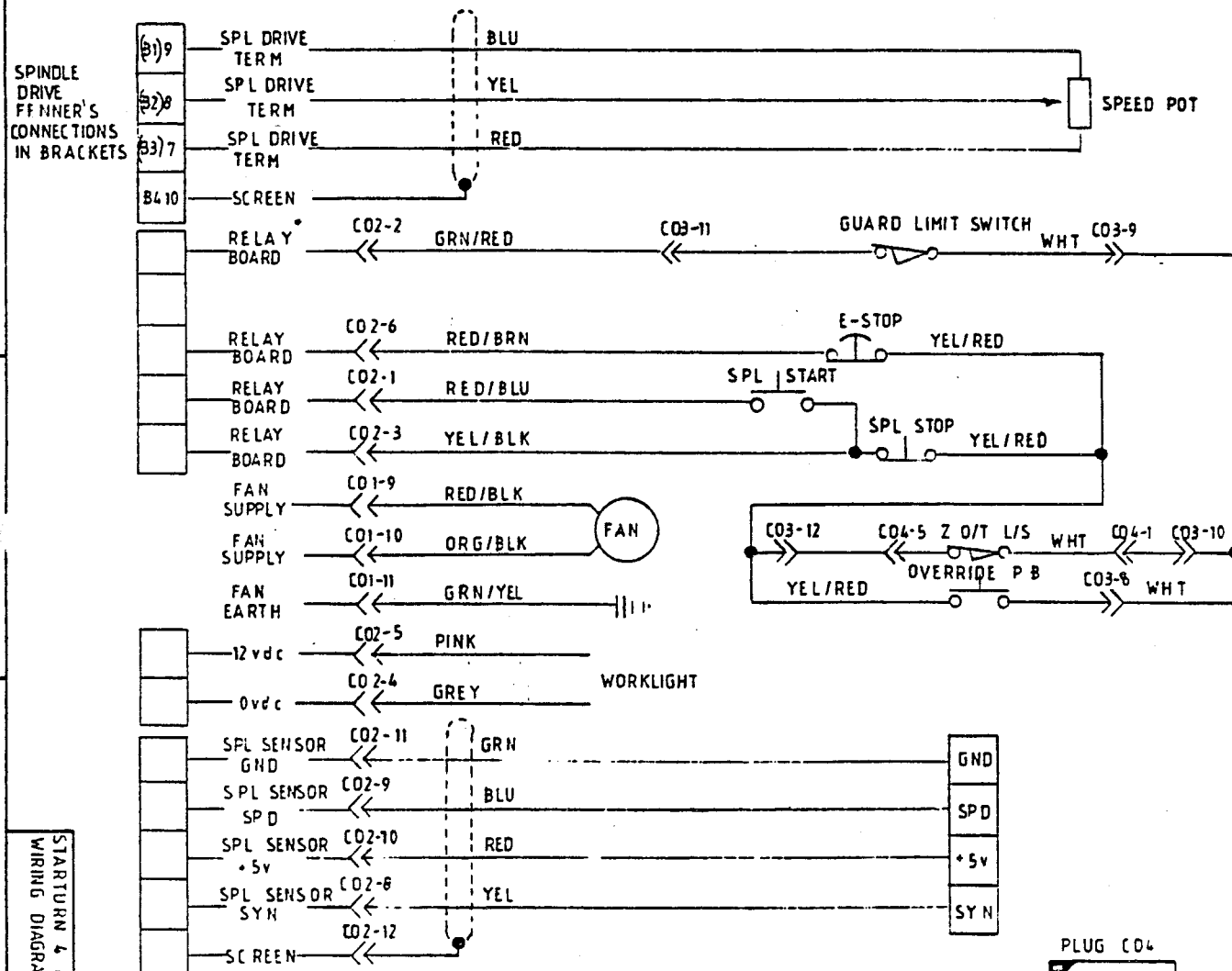
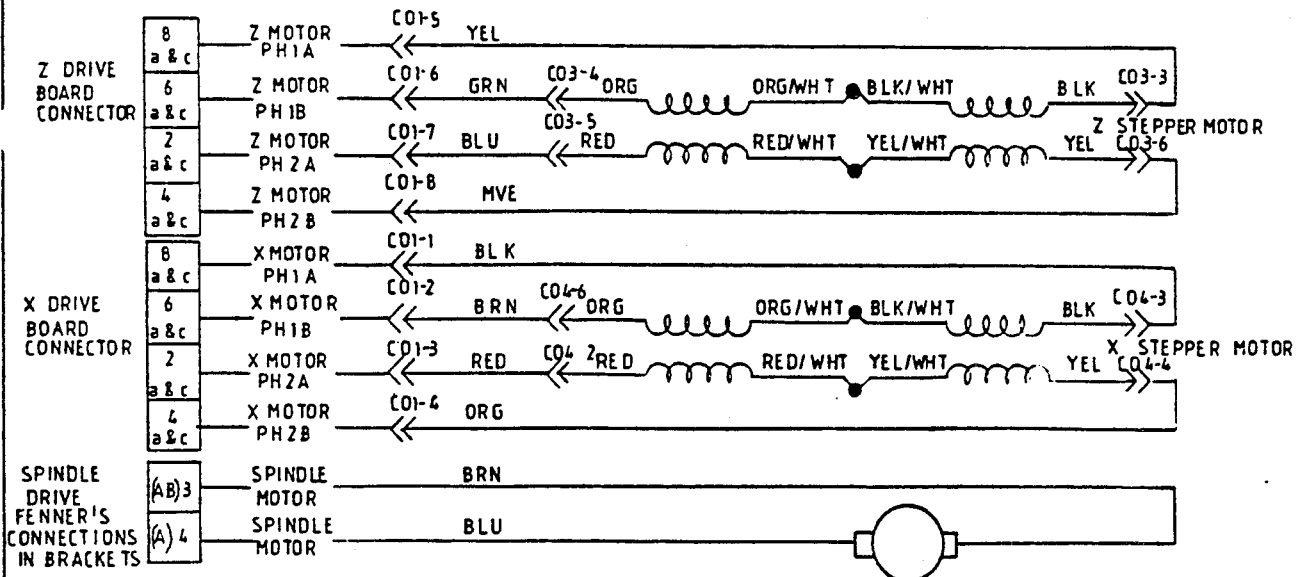
WIRING DIAGRAM SCHEMATIC NUMBER 2

ELECTRICAL CHASSIS LAYOUT

DRIVES AND TRANSFORMER WIRING DIAGRAM

SLAVE AND RELAY BOARD WIRING DIAGRAM

CHASSIS PARTS LIST



CO1= 12WAY PUSH IN CONNECTOR ON INTERCONNECTION P.C.B.

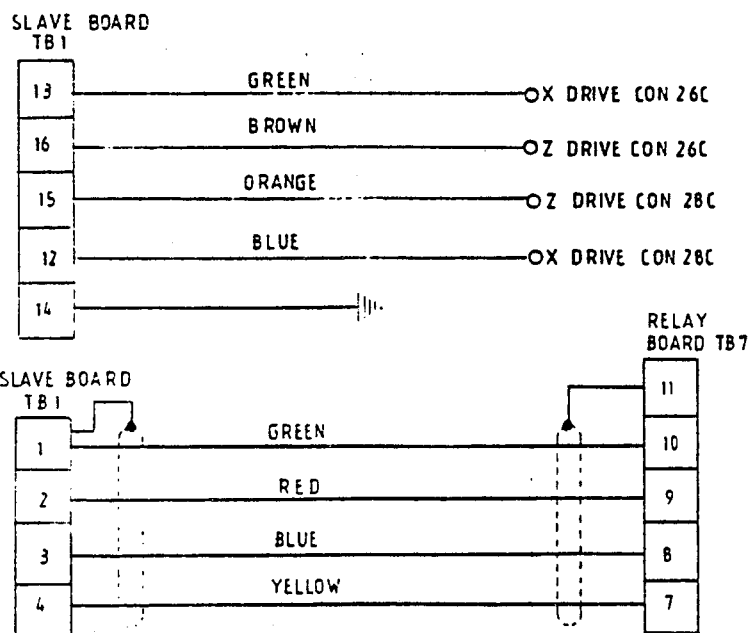
CO2= 12WAY PUSH IN CONNECTOR ON RELAY P.C.B.

CO3 12 WAY QM PLUG & SOCKET MOUNTED IN THE END GUARD

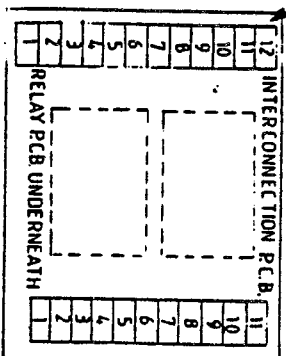
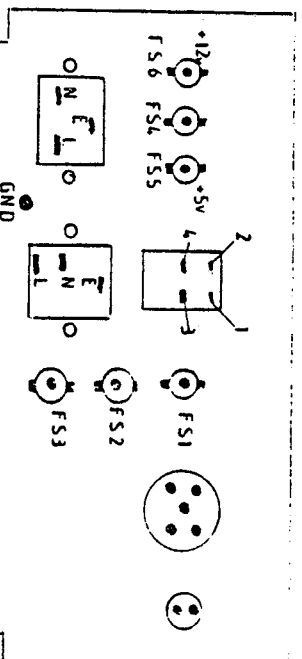
CO4 6WAY QM PLUG & SOCKET MOUNTED IN THE SADDLE CONNECTION BOX

SPINDLE DRIVE FUSE = 6-3A

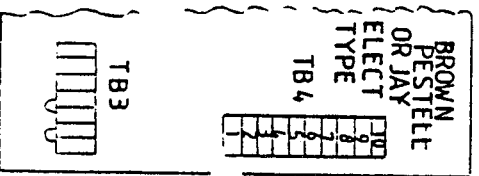
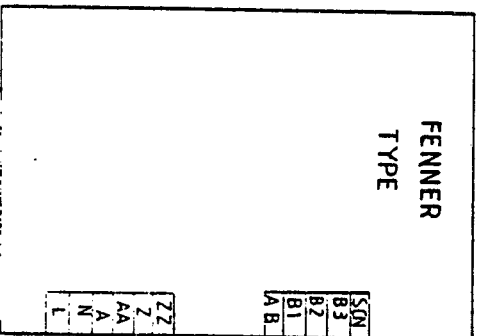
STARTURN & MK IV
WIRING DIAGRAM P21SHEET NO.
OF
SHEET NO.



INTERCONNECTION PCB. TERMINAL BLOCK. CO1
RELAY PCB. LEFT HAND TERMINAL BLOCK. CO2
RELAY PCB. RIGHT HAND TERMINAL BLOCK. TB7

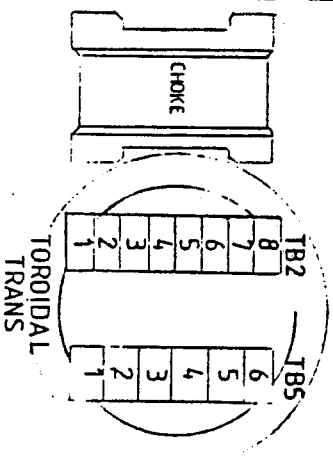


S SPINDLE DRIVE PCB.

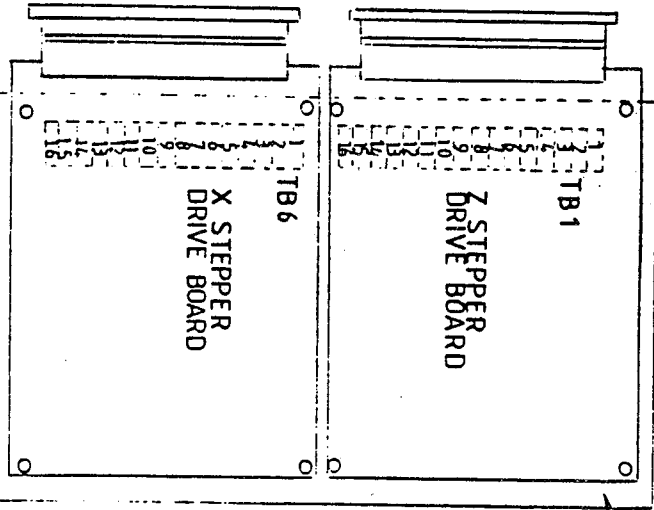


RES.

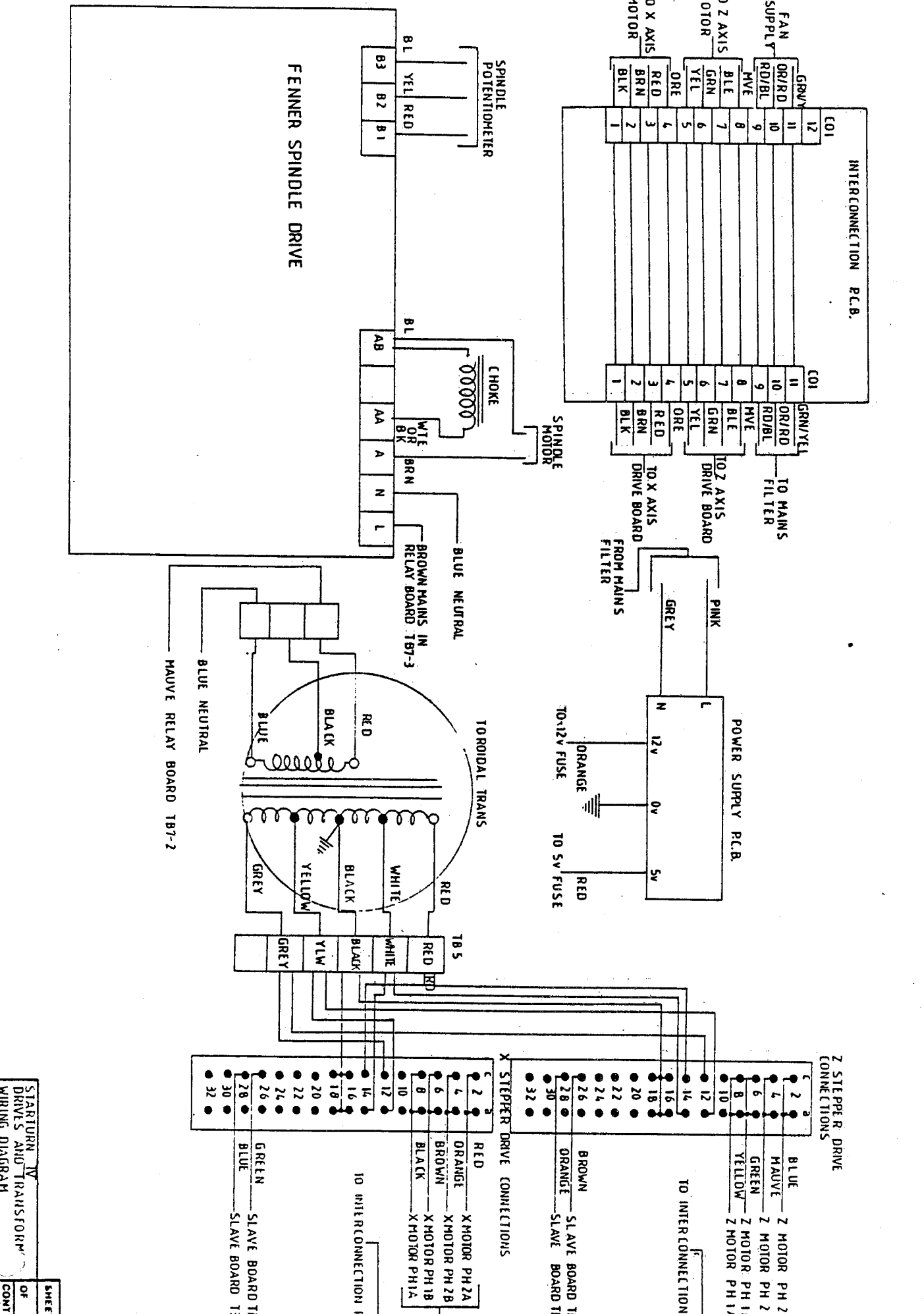
5v AND 12v
POWER SUPPLY P.C.B.



L3 L2
E3 E2
N3 N2



SLAVE BOARD



DENFORD MACHINE TOOLS LIMITEDSTARTURN ELECTRICAL CHASSIS

<u>DESCRIPTION</u>	<u>MANUFACTURER AND REFERENCE</u>	<u>COMPUTER NUMBER</u>	<u>QUANTITY</u>
FUSEHOLDER FS1 - 4	R.S. 412 - 021	R.S. 412 - 021	4
MAINS INLET	R.S. 489 - 122	R.S. 489 - 122	1
MILL HEAD OUTLET	R.S. 489 - 245	R.S. 489 - 245	1
MAINS SWITCH	R.S. 338 - 529	R.S. 338 - 529	1
COMPUTER LINK (OUTLET)	R.S. 5 PIN DOMINO R.S 470 - 415	R.S. 470 - 415	1
RESET P.B.	FARNELL F.E.C. 147 - 405	F.E.C. 147 - 405	1
SLAVE BOARD	G.S.M. SYNTEL SLAVE BOARD		1
5 PER DRIVES	DIGIPLAN TYPE SD2		2
RELAY BOARD	G.S.M. SYNTEL PC - 2060/B		1
LOGIC TRANS	G.S.M. SYNTEL T.M. 430		1
DRIVES TRANS	G.S.M. SYNTEL TOROIDAL TRANS		1
SPINDLE DRIVE CHOKE	SPINDLE DRIVE CHOKE J - ELECTRIC'S		1
SPINDLE DRIVE	FENNER TYPE 525Z OR BROWN PESTELL TYPE 075	55500432T	1
MAINS FILTER	CAMPBELL BAKER TYPE SD1/A50		1
TERMINAL BLOCK TB5	KLIPPON TYPE MK6/6		6 WAY
TERMINAL BLOCK TB2	KLIPPON TYPE MK3		4 WAY
24 WAY QM PLUG	R.S. 466 - 753	R.S. 466 - 753	1
12 WAY QM PLUG	R.S. 466 - 781	R.S. 466 - 781	1
24 WAY QM SOCKET	R.S. 466 - 747	R.S. 466 - 747	1
12 WAY QM SOCKET	R.S. 466 - 775	R.S. 466 - 775	1
SOCKET PIN F/M	R.S. 466 - 826	R.S. 466 - 826	28
SOCKET PIN M	R.S. 466 - 797	R.S. 466 - 797	28