**/PROG MAIN\_TRACKING**

LINE\_TRACK;

LINE\_TRACK\_SCHEDULE\_NUMBER : 0;

LINE\_TRACK\_BOUNDARY\_NUMBER : 0;

CONTINUE\_TRACK\_AT\_PROG\_END : FALSE;

/MN

1: UFRAME\_NUM=0 ;

2: UTOOL\_NUM=0 ;

3: OVERRIDE=90% ;

4: ;

5: DO[11:CameraLight\_Status]=ON ;

6: ;

7: LBL[1] ;

8: CALL MAIN\_CLEARPOSREG ;

9: R[51:LineCount\_ENC1]=0 ;

10: R[54]=0 ;

11: R[55:Counter\_Camera]=0 ;

12: R[52:Counter\_ENC1]=60 ;

13: R[56:Offset\_Counter]=30 ;

14: ;

15: LBL[2] ;

16: R[R[52]]=0 ;

17: R[52:Counter\_ENC1]=R[52:Counter\_ENC1]+1 ;

18: IF R[52:Counter\_ENC1]<=70,JMP LBL[2] ;

19: ;

20: R[52:Counter\_ENC1]=60 ;

21: R[53:Object\_Trigger]=60 ;

22: ;

23: LINE[2] ON ;

24: ;

25: RUN MAIN\_SUBPRG ;

26: RUN MAIN\_VISPRG ;

27: ;

28: LBL[10] ;

29: ;

30:J PR[20:Home\_Position] 20% FINE ;

31: ;

32: WAIT R[R[53]]<>0 ;

33: ;

34: SETTRIG LNSCH[1] R[R[53]] ;

35: SELBOUND LNSCH[1] BOUND[1] ;

36: ;

37: CALL MAIN\_VIS\_PICK ;

38: ;

39:L PR[20:Home\_Position] 800mm/sec CNT100 ;

40: ;

41: CALL MAIN\_PLACE ;

42: ;

43: R[53:Object\_Trigger]=R[53:Object\_Trigger]+1 ;

44: IF R[53:Object\_Trigger]<=70,JMP LBL[15] ;

45: R[53:Object\_Trigger]=60 ;

46: ;

47: LBL[15] ;

48: ;

49: JMP LBL[10] ;

50: ;

/POS

/END