

(6) Over travel alarms

Number	Message	Contents
500	OVER TRAVEL : +n	Exceeded the n-th axis (axis 1-8) + side stored stroke limit I. (Parameter No.1320 or 1326 NOTE)
501	OVER TRAVEL : -n	Exceeded the n-th axis (axis 1-8) - side stored stroke limit I. (Parameter No.1321 or 1327 NOTE)
502	OVER TRAVEL : +n	Exceeded the n-th axis (axis 1-8) + side stored stroke limit II. (Parameter No.1322)
503	OVER TRAVEL : -n	Exceeded the n-th axis (axis 1-8) - side stored stroke limit II. (Parameter No.1323)
504	OVER TRAVEL : +n	Exceeded the n-th axis (axis 1-8) + side stored stroke limit III. (Parameter No.1324)
505	OVER TRAVEL : -n	Exceeded the n-th axis (axis 1-8) - side stored stroke limit III. (Parameter No.1325)
506	OVER TRAVEL : +n	Exceeded the n-th axis (axis 1-8) + side hardware OT.
507	OVER TRAVEL : -n	Exceeded the n-th axis (axis 1-8) - side hardware OT.
508	INTERFERENCE: +n (T series (two-path control))	A tool moving in the positive direction along the n axis has fouled another tool post.
509	INTERFERENCE: -n (T series (two-path control))	A tool moving in the negative direction along the n axis has fouled another tool post.
510	OVER TRAVEL: +n	Alarm for stroke check prior to movement. The end point specified in a block falls within the forbidden area defined with the stroke limit in the positive direction along the N axis. Correct the program.
511	OVER TRAVEL: -n	Alarm for stroke check prior to movement. The end point specified in a block falls within the forbidden area defined with the stroke limit in the negative direction along the N axis. Correct the program.

NOTE

Parameters 1326 and 1327 are effective when EXLM(stroke limit switch signal) is on.

(7) Overheat alarms

Number	Message	Contents
700	OVERHEAT: CONTROL UNIT	Control unit overheat Check that the fan motor operates normally, and clean the air filter.
701	OVERHEAT: FAN MOTOR	The fan motor on the top of the cabinet for the control unit is overheated. Check the operation of the fan motor and replace the motor if necessary.
704	OVERHEAT: SPINDLE	Spindle overheat in the spindle fluctuation detection (1) If the cutting load is heavy, relieve the cutting condition. (2) Check whether the cutting tool is sharp. (3) Another possible cause is a faulty spindle amp.