

Powerbox settings

Last changed: 19-June-01

Description	FA80 V25A	FA192 V25A (Old) ³⁾	High Speed	Sericol	Blend- rama (BT24) ²⁾	HA	HAM 32	HA large	HA manual punch	HA lift	HA lift+ el punch	HA lift+el punch +cap
Software signature	FARA	FARA	FARA	FASV	HABA	HABA	HABA	HABA	HABA	HABA	HABA	HABA
Software version	25	25	30	30	30	30	30	30	30	30	30	30
Minimum step time	12	12	4	4	12	4	4	4	HA	HA	HA	HA
Maximum step time	240	240	240	240	240	240	240	240	HA	HA	HA	HA
Stepper active (min)	1	1	1	1	1	1	1	1	HA	HA	HA	HA
Steptime for init.	48	48	48	48	48	48	48	48	HA	HA	HA	HA
Max.number of steps	1640	1640	1640	1640	5000	5000	5000	3232	HAM32	HAM32	HAM32	HAM32
Steps for initialise	50	50	50	50	200	200	200	200	HAM32	HAM32	HAM32	HAM32
Steps for inrush	4	4	4	4	12	12	12	12	HAM32	HAM32	HAM32	HAM32
Valve high PWM value	200	150	180	50	180	120	120	120	HAM32	HAM32	HAM32	HAM32
Valve low PWM value	52	52	52	20	100	75	75	75	HAM32	HAM32	HAM32	HAM32
Valve stop (x10ms)	10	10	10	10	10	10	10	10	HAM32	HAM32	HAM32	HAM32
Valve timeout (0,25s)	20	20	20	20	20	20	20	20	HAM32	HAM32	HAM32	HAM32
Valve inrush (x10ms)	4	4	2	5	4	1	1	1	or HAM32	or HAM32	or HAM32	or HAM32
Machine ID	1	1	1	1	1	1	1	1	or HAM32	or HAM32	or HAM32	or HAM32
Machine address	1	1	1	1	1	1	1	1	or HAM32	or HAM32	or HAM32	or HAM32
Server address	0	0	0	0	0	0	0	0	or HAM32	or HAM32	or HAM32	or HAM32
Broadcast address	255	255	255	255	255	255	255	255	or HAM32	or HAM32	or HAM32	or HAM32
Turn high PWM value	140	140(100)	140	140	100(150)	140	140	140	or HAM32	or HAM32	or HAM32	or HAM32
Turn low PWM value	50	60(40)	60	60	65(100)	65	65	70	or HAM32	or HAM32	or HAM32	or HAM32
Turn stop (10 msec)	0	8	7	7	1(3)	1	1	1	or HAM32	or HAM32	or HAM32	or HAM32
Turn timeout (0.25s)	40	40	40	40	40	40	40	40	or HAM32	or HAM32	or HAM32	or HAM32
Turn slowdown time	2	2	2	2	1	1	1	2	or HAM32	or HAM32	or HAM32	or HAM32
Turn slowdown counter	0	0	0	0	0	0	0	0	or HAM32	or HAM32	or HAM32	or HAM32
Break bef.pump (16ms)	24	24	24	24	24	24	24	30	or HAM32	or HAM32	or HAM32	or HAM32
Agitation in seconds	180	180	180	60	300	180	180	180	or HAM32	or HAM32	or HAM32	or HAM32
Agit.interval (min)	240	240	240	15	240	240	240	240	or HAM32	or HAM32	or HAM32	or HAM32
Agit.wait up (min)	2	2	2	2	2	2	2	2	or HAM32	or HAM32	or HAM32	or HAM32
Agitation timer	en	En	En	En	en	en	en	En	or HAM32	or HAM32	or HAM32	or HAM32
Deadtime on pump	20	20	20	20	20	20	20	20	or HAM32	or HAM32	or HAM32	or HAM32
Equipment flag	0	0	0	0	131	128	0	0	flag+16	flag+8	flag+12	flag+28
Equipment flag w switch	0	0	0	0	131	160	32	32	flag+48	flag+40	flag+44	flag+60
Punch pos/ Mag.time(2ms)	0	0	0	0	50	0	0	0	7	0	3 ¹⁾	4 ¹⁾
Punch delay	0	0	0	0	60	60	60	60	60	60	60	60
Punch depth/cap pos.	0	0	0	0	0	0	0	0	0	0	0	2 ¹⁾

1) Depends on machines configuration, so value may be different.

2) Values between parentheses are used for the BT24

3) Values between parentheses are used for some older FA machines

There is also a Sericol version of the HABA controller released, called HASV. This controller must be used for the Sericol machines instead of the HABA controller. Parameter settings are the same as for the HABA controller.

This list replaces previous (earlier) versions.