

FHT TYPE

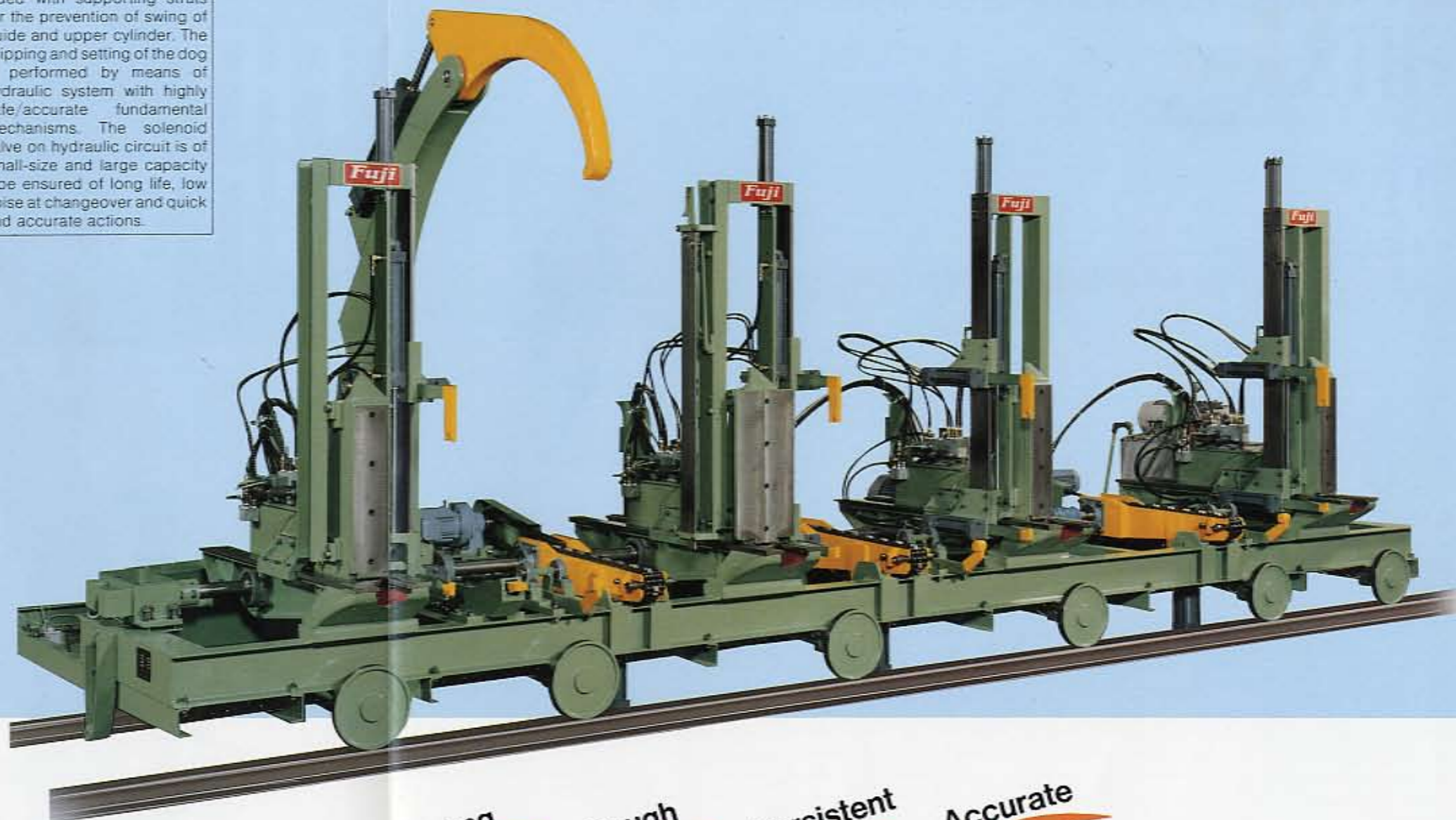
Full Automatic Hydraulic Carriage

The FHT is a rigid-constructed high speed carriage provided with a base-mounted feed mechanism. From a wide variety of versions with different head-block openings of 800-1500mm, you can choose the best type of carriage to suit the wood species and diameter of log.



◆HYDRAULIC DOG

The dog mast is constructed in doublehousing structure provided with supporting struts for the prevention of swing of guide and upper cylinder. The gripping and setting of the dog is performed by means of hydraulic system with highly safe/accurate fundamental mechanisms. The solenoid valve on hydraulic circuit is of small-size and large capacity type ensured of long life, low noise at changeover and quick and accurate actions.



FHTS TYPE

Full Automatic Hydraulic Carriage

This is a carriage equipped with a carriage-mounted feed mechanism which can be controlled by the operator riding on the carriage. This type is highly maneuverable for handling small and medium diameter logs.



Strong **Tough** **Persistent** **Accurate**

Longer the use, Greater the profit.

◆HEADBLOCK

The headblock is made of special cast iron fully enforced with ribs. The slideway of the base is coated with replaceable protective hardened steel sheet to ensure stable and smooth movements which bears a consistent working accuracy for many years of use.

A retaining metal is provided on each wing to hold the knee, which increases the stability of knee for the accurate sliding on the protective sheet.

The taper set actuated by the large-diameter hydraulic cylinder, incorporated in the knee, never fails to stop the carriage at the correct position strictly true to the original or working point.



◆DIGITAL SET-WORKS CONTROLLER

This controller unit using micro-computer is standard equipped. Set-working data input/output is simply carried out by means of ten-keys and function-keys and memory data setting and rewriting can be done easily. Inch and millimeter conversion is also quickly and simply done.



◆HEADBLOCK SET-WORKS SYSTEM

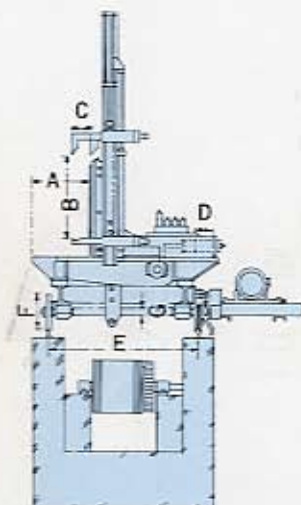
Provided with FF623 type set-work driving system newly designed by our expertise and innovations, this system is powered by two motors, one for high-speed and the other for low-speed operation, and headblocks are ensured of accurate traverse via precision-machined gears.

FHT_{TYPE} Full-Automatic Hydraulic Carriage

FHTS_{TYPE}

MACHINE DIMENSION

Men	FHT		FHT		FHT		FHT		FHT		FHT		FHTS		FHTS	
	083	084	093	094	103	104	113	114	123	124	144	154	083	084	093	094
A	800	900	1,000	1,100	1,200	1,400	1,500						800	900		
B	830	830	1,050	1,050	1,250	1,450	1,450						830	830		
C	190	190	190	190	200	200	200						190	190		
D	120	150	150	150	150	150	150						120	150		
E	1,060	1,130	1,220	1,372	1,450	1,676	1,700						1,060	1,130		
F	305	305	305	305	400	400	400						305	305		
G	55	55	65	65	75	80	80						55	55		



SPECIFICATIONS

項目	Model Unit	FHT		FHT		FHT		FHT		FHT		FHT		FHTS		FHTS			
		083	084	093	094	103	104	113	114	122	124	144	154	083	084	093	094		
Headblock Number	Set	3	4	3	4	3	4	3	4	3	4	4	4	3	4	3	4		
Hydraulic Dog Number	Set	3	4	3	4	3	4	3	4	3	4	4	4	3	4	3	4		
Set-Works Type (Digital)		FF662	FF662	FF662	FF623	FF625	FF625	FF625	FF627	FE110	FE150S			FF622	FF622	FF623			
Set-Works Motor (Quick)	kW	2.2	3.7	2.2	3.7	5.5	5.5	7.5	11	11				2.2	2.2	3.7			
Set-Works Motor (Slow)	kW	0.4		0.4		0.75		0.75		1.5		1.5		0.4		0.4			
Turning Chain Number	Set	2	3	2	3	2	3	2	3	2	3	3	3	2	3	2	3		
Turning Chain Motor	kw X set	0.75x2	0.75x3	0.75x2	0.75x3	1.5x2	1.5x3	1.5x2	1.5x3	1.5x2	1.5x3	7.5x1	7.5x1	0.75x2	0.75x3	0.75x2	0.75x3		
Turning Arm Number	Set	2	3	2	3	2	3	2	3	-	-	-	-	2	3	2	3		
Feed-Works Type		F-9		F-10		F-10		F-10		F-14		F-14		F-14		F-88		F-89	
Feed-Works Motor (Forward)	kW-p	5.5-6		7.5-6		7.5-6		11-6		15-6		19-6		19-6		2.2-6		3.7-6	
Feed-Works Motor (Reverse)	kW-p	7.5-6		11-4		11-4		15-4		22-4		22-4		22-4		3.7-4		3.7-4	
Track Rails	kg X mm	12x15	12x20	12x15	12x20	15x15	15x20	15x15	15x20	22x15	22x20	22x20	30x20	12x15	12x20	12x15	12x20		
Hydraulic Pump Unit Motor	kW	3.7		3.7		3.7		5.5		3.7		5.5		7.5		7.5		7.5	
Hydraulic Oil-Tank Capacity	ℓ	100		100		100		150		100		150		150		150		150	
Machine Net Weight	ton	3.0	3.3	3.5	4.0	7.0	8.0	7.5	8.5	9.5	11	14.0	15.5	3.0	3.2	3.3	3.6		



◆ELECTRICAL POWER FEEDER

(ST Reducer System)
The wound-rotor induction motor high-speed-controlled by the static Scherbius system permits highly stable and smooth advance and retire of the carriage. Because of the large starting torque, the building up for the carriage travelling is very quick and its antiphase braking device enhances its braking effect extensively. As compared with the friction wheel system, this is superior in operability and horsepower efficiency and requires no maintenance unlike the hydraulic or D.C. Leonard systems.



◆CATCHER & RIPPED LOG RECEIVER

This is very practical and useful for split of large or medium diameter logs. The operation is performed by the double mechanism of boom and stick each of which is independently actuated by the individual hydraulic system. Right under the stick there is a receiver to hold the log ripped into halves and take it out of the band saw. To prevent accidents during operation and keep the operator completely away from danger, safety devices, including patrol lights, alarming buzzer, etc., are equipped on this attachment.



FUJI SEISAKUSHO, LTD.

DISTRIBUTOR

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