

ABSCHNITT 1.2 TC-75 HYDRAULIKSTANZE – TECHNISCHE DATEN

Stanzbreite – mm (Inch)	A	1148 (45,2)	1708 (67,2)
Stanztiefe – mm (Inch)	B	812 (32)	812 /32)
Maschinenbreite – mm (Inch)	W	1860 (73,2)	2400 (94,5)
Maschinentiefe – mm (Inch)	D	920 (36,2)	920 (36,2)
Gesamttiefe – mm (Inch)	E	2800 (110,2)	2800 (110,2)
Maschinengewicht – t (US-Tonnen)		2,66 (3,00)	3,38 (3,8)
Dynamische Belastung pro Quadratfuß – t (US-Tonnen)		2,0 (2,2)	2,54 (2,8)
		STANDARD	ERWEITERT
Maschinenhöhe – mm (Inch)	C	1750 (68,9)	1750 (68,9)
Betthöhe – mm (Inch)	H	995 (39,2)	1075 (42,3)
Max. lichte Höhe – mm (Inch)		212 (8,3)	254 (10)
Maximaler Hebe-/Senkbewegung - mm (Inch)		174 (6,8)	254 (10)
Max. Stanzkapazität		68 Tonnen (75 US-Tonnen)	
Geschwindigkeit der Abwärtsbewegung		132 mm/s	
Stanzgeschwindigkeit		38 mm/s	
Geschwindigkeit der Aufwärtsbewegung		102 mm/s	
Min. lichte Höhe		38 mm	
Hydrauliköl-Fassungsvermögen		117 l (26 brit. Gallonen) (31 US-Gallonen)	
Motorleistung		7,5 kW (10 PS)	

**PART 1
TECHNICAL DETAILS**

TC-75 PRESSES

Press Size	TC75-1707 (mm)	TC75-2007 (mm)
overall length		
P3,0	7 641	7 641
P4,5	10 641	10 641
P6,0	13 641	13 641
conveyor width	1 710	2 010
overall width	2 664	2 964
working height	980	980
maximum die length		
P3,0	2 310	2 310
P4,5	3 810	3 810
P6,0	5 310	5 310
maximum die width	1 550	1 850

Electric-Motor Power:
0.75hp (0.55kW)

Maximum Cutting Load:
68 tonnes (75 US tons)

TC-115 PRESSES

Press Size	TC115-1710 (mm)	TC115-2210 (mm)
overall length		
P3,0	7 641	7 641
P4,5	10 641	10 641
P6,0	13 641	13 641
conveyor width	1 710	2 210
overall width	2 900	3 400
working height	1 100	1 100
maximum die length		
P3,0	2 310	2 310
P4,5	3 810	3 810
P6,0	5 310	5 310
maximum die width	1 550	2 050

Electric-Motor Power:
0.75hp (0.55kW)

Maximum Cutting Load:
100 tonnes (115 US tons)

FC-165 PRESSES

Press Size	FC165-1810 (mm)	FC165-2212 (mm)
overall length		
P3,0	7 800	8 050
P4,5	10 800	11 050
P6,0	13 800	14 050
conveyor width	1 810	2 210
overall width	4 230	4 630
working height	1 000	1 000
maximum die length		
P3,0	2 310	2 310
P4,5	3 810	3 810
P6,0	5 310	5 310
maximum die width	1 650	2 050

Electric-Motor Power:
0.75hp (0.55kW)

Maximum Cutting Load:
150 tonnes (165 US tons)

See Figure 1,1

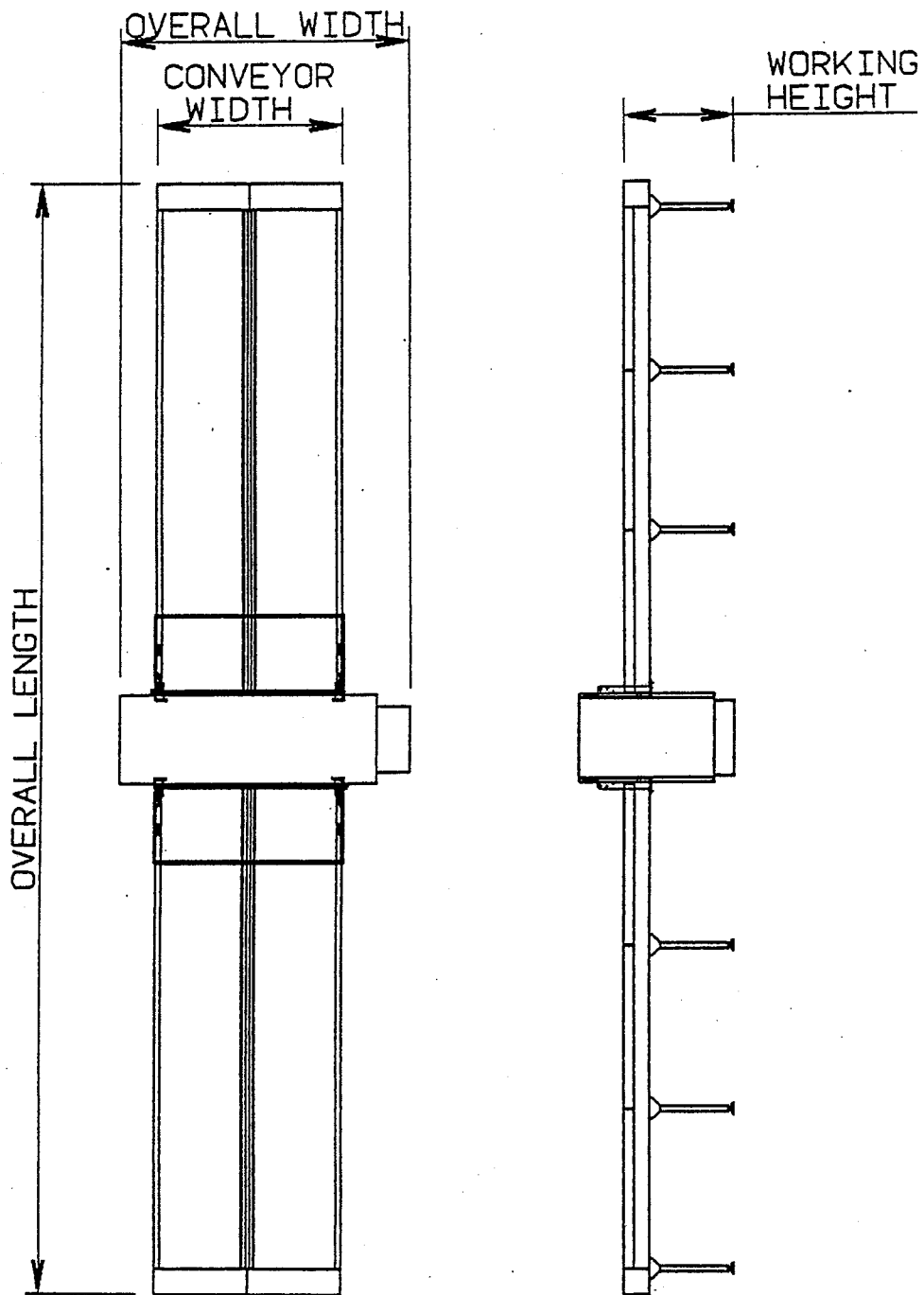


FIGURE 1,1

TECHNICAL SPECIFICATION

MODEL	75-1108	75-1708	115-1710	165-1810	165-1812	165-1815	165-2210	165-2212	165-2215	165-2610	165-2612	165-2615	
Cutting Area Width	mm	1140	1700	1700	1800	1800	1800	2200	2200	2200	2600	2600	2600
Cutting Area Depth	mm	812	812	1050	1050	1250	1500	1050	1250	1500	1050	1250	1500
Tray Height	mm	1010	1010	1100	980	980	980	980	980	980	980	980	980
Bed Height	mm	980	980	1070	950	950	950	950	950	950	950	950	950
Cutting Force	Tonnes	68	68	100	150	150	150	150	150	150	150	150	150
Max Cutting Stroke	mm	174	174	174	214	214	214	214	214	214	214	214	214
Daylight (min-max)	mm	38-212	38-212	38-212	25-239	25-239	25-239	25-239	25-239	25-239	25-239	25-239	25-239
Positive Stop min	mm				25	25	25	25	25	25	25	25	25
Positive Stop max	mm				72	72	72	72	72	72	72	72	72
Downstroke Speed	mm/sec	132	132	77	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
Upstroke Speed	mm/sec	102	102	47	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
Motor Power	kW	7.5	7.5	7.5	15	15	15	15	15	15	15	15	15
Weight (press only)	tonnes	3	3.8	5.7	6.5	7.0	7.5	7.5	8.0	9.0	8.0	9.5	10.00
Oil Capacity	litres	117	117	131	245	245	245	245	245	245	245	245	245
Width (Press only)	mm	2240	2800	2850	2670	2670	2670	3070	3070	3070	3470	3470	3470
Overall Depth	mm	2800	2800	3300									
Depth (Press Only)	mm	1020	1020	1150	1288	1488	1738	1288	1488	1738	1288	1488	1738
Height	mm	1800	1800	1850	1758	1758	1758	1758	1758	1758	1758	1758	1758

Standard Options & Feed Systems

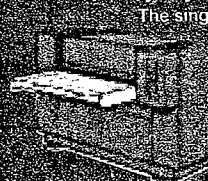
Everyone's production needs are different and analysis of those needs by SAMCO engineers in conjunction with the customer will lead to the best system for the specific work involved.

The SAMCO range has a choice of over 30 Standard Options offering the ability to mix and match the modular options to fit a particular cutting specification exactly.

Each System is designed to convert the material from roll or sheet to finished cut components optimised for the particular customer application. Widely experienced sales engineers can help in assessing the best solutions.

A small selection of typical options and basic feed systems is briefly described but it should be noted, that while the standard range will be found suitable for the great majority of requirements, special elements can be custom designed where necessary.

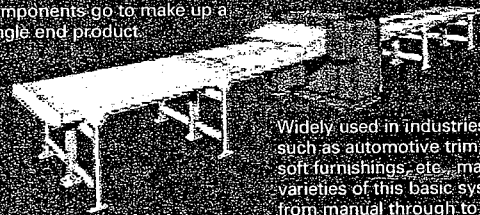
Work Tray Operation



The single manual work tray is still the simplest most popular way of operating the Samco TC 75 press. It is extremely flexible in operation and the standard low pressure adjust feature reduces setting time for different dies to a matter of seconds.

Incremental P Type Work Feed

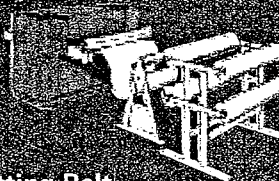
Incremental cutting is particularly used where sets of components go to make up a single end product.



Widely used in industries such as automotive trim, soft furnishings, etc. many varieties of this basic system from manual through to fully automatic cycling are available.

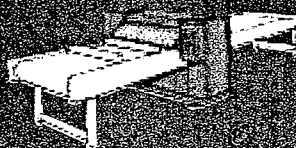
Roll Feed Equipment

Many materials come in rolls and a range of roll stands and roll feeding devices is available.



Continuous Cutting Belt

The CCB system is a high volume, high productivity arrangement for repetitive cutting from a cutting die mounted under the head of the press.



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