

Variations and Derivatives of the Basic Monotype Caster

	Basic Monotype Caster	Composition Equipment [1, 2]	Composition Matrix Casting Equipment [4]	Sorts Speed Regulating Attachment [3]	9CU Display Type Attachment	11CU and Mold Operating Attachment [9]	Lead Rule 12CU Automatic Cutter Mechanism	Name (not necessarily official)	Other Names
1	X	X						Composition Caster	The Monotype Casting Machine [WN1903a] [PPL1930] The Casting Machine [PPL1930] The Monotype [WN1903b] The Monotype Composing Machine and Type Caster [MS1912] The Composing Machine [PPL1930, pp. 16, 45] The Typesetting Machine [MMI1930s] The Monotype Typesetting Machine [PL1952] The Composition Type Caster [PL1952]
2	X		X					Not possible [5]	
3	X	X	X					Not possible [5]	
4	X			X	X			Type-&-Rule Caster [7] [10]	Display Type Caster [MMI1930s] Display Caster [MMI1930s]
5	X	X		X	X			Type Caster (Convertible) [MS1912] [6]	The Monotype [WN1903b] The Composition and Display Caster [MMI1930s]
6	X		X	X	X			?	
7	X	X	X	X	X			Maybe not possible [5]	
8	X			X		X	X	Lead, Slug & Rule Caster [8]	
9	X			X	X	X	X	Type-&-Rule Caster [PPL1930] [10] [7]	
10	X	X		X	X	X	X	Composition Caster (plus display and lead & rule capabilities) [PPL1930] [7]	
11	X		X	X	X	X	X	Type-&-Rule Caster (plus composition matrix sorts casting) [PPL1930, p. 40] [7]	
12	X	X	X	X	X	X	X	Combination Machine [12]	

Notes:

- Composition Equipment included, optionally, the later extensions in body size down to 4 (or 4 1/2?) and up to 18 to 24-point "large composition" equipment.
- Composition Equipment included, optionally, the later extensions to 60 and 84 pica measures.
- The Speed Regulating Attachment was furnished as a part of the 9CU "Display Type Attachment." Both were required for the 11CU "Lead and Rule Mold Operating Attachment."
- I do not know whether the Composition Matrix Sorts Casting Equipment required the Speed Regulating Attachment.
- [PPL1930, p. 46] indicates that the 19CU "Composition Matrix Sorts Casting (Type-&-Rule Caster)" attachment was applied to the Type-&-Rule Caster, NOT to the Composition Caster.
- The name "Type Caster [Convertible]" does not seem to have been used after 1912.
- [PPL1930, pp. 40, 46] states that the 19CU "Composition Matrix Sorts Casting (Type-&-Rule Caster)" attachment was applied to the "Type-&-Rule Caster." This indicates that the name "Type-&-Rule Caster" meant primarily a machine with the 9CU "Display Type Attachment"
- The "Lead, Slug & Rule Caster" is attested only in a few sources. Parts lists such as [PPL1930] would seem to deny its possibility, as they specify that the 11CU "Lead and Rule Mold Operating Attachment" required the 9CU "Display Type Attachment, Including Speed Regulating Attachment" [PPL1930, p. 43] and do not indicate that the Speed Regulating Attachment was available separately from 9CU.
- As noted in [8], the 11CU "Lead and Rule Mold Operating Attachment" required the 9CU "Display Type Attachment, Including Speed Regulating Attachment." It also required the 12CU "Automatic Cutter Attachment."
- [PPL1930, p. 43] states that the 11CU "Lead and Rule Mold Operating Attachment" could be applied to "Type-&-Rule Casters." This is proof that Lanston Monotype applied the name "Type-&-Rule Caster" to machines which did not in fact possess the lead and rule capability.
- [PPL1930, p. 43] states that the 11CU "Lead and Rule Mold Operating Attachment" could be applied to "Composing Machines." Doing so required the addition of the 9CU "Display Type Attachment, Including Speed Regulating Attachment" (presumably because it furnished the Speed Regulating Attachment).
- The term "Combination Machine" is used by [RH2012], p. 205.

References:

MMI1930s "Monotype Matrix Information" section from a 1930s specimen book.
 MS1912 The Monotype System (1912)
 PL1952 "Parts List, Monotype Typesetting Machine" (April 1, 1952)
 PPL1930 "Parts Price List, Monotype Casting Machine and Type-&-Rule Caster." Fourth edition. (1930)
 RH2012 Hopkins, Richard L. "Tolbert Lanston and the Monotype." (Tampa, FL: Univ. of Tampa Press, 2012)
 WN1903a Monotype ad by Wood & Nathan co. in The Inland Printer, Vol. 32, No. 2 (November, 1903), 8 page insert after p. 168.
 WN1903b Monotype ad by Wood & Nathan Co. in The Inland Printer, Vol. 32, No. 3 (December 1903), 4 page insert after p. 328.

Attachment Symbols of Interest Here (not all of which are referenced in the table above, though). See: [PL1930, p. 40]

9CU Display Type Attachment, Including Speed Regulating Attachment
 10CU Eighteen-Point Attachment [for 14 and 18 point composition]
 11CU Lead and Rule Mold Operating Attachment
 12CU Automatic Cutter Mechanism
 13CU Piece Laed Mold (Style LF) Operating Attachment
 15CU Border Attachment
 18CU Short Type Attachment
 19CU Composition Matrix Sorts Casting (Type-&-Rule Caster)
 20CU 3U Mold (Cored) Operating Attachment
 21CU English Display Composition Equipment [14, 16, 18, and 24 point sizes]
 22CU English Display Equipment

Improvement No. 28 Sixty Pica Device

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