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WHAT IS A TRACTOR?

Was the Question Answered at the Brandon Plowing Demonstration?

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THE above question is about as sensible, and as logical as the old one of "How old is Anne," and yet a great many of our Western Canadian farmers to-day are asking themselves: "What is a tractor?"

sign and construction. Each machine was drafted, constructed and sold to plow, to sow, to reap, to thresh; in short to provide power on the farm wherever draw bar or belt pull was required.

tions and then again ask yourself: "What is a tractor?"

I am not concerned with the success or failure of the Brandon Plowing Demonstration. Outside of the fact that the Brandon fair drew a crowd, which it might

carry on such a demonstration and care in organizing the proposition.

What I am concerned with however is the tractor situation as a whole. The world to-day is face to face with the problem of

Specifications of Tractors that were entered in the Brandon Plowing Demonstration, July 17th, 18th and 19th, 1917

NAME OF COMPANY	Brake Horse Power	Draw-Bar Horse Power	No. of Cylinders	Arrangement of Cylinders	Size of Cylinders	Tractor Road Speed	Cooling System	Size of Wheels		Full Length Inches	Total Width Inches	Full Tank Capacity	Retail Selling Price F.O.B. Winnipeg	
								Rear	Front					
Sawyer Massey Co.	20	10	4	Vertical	4½ x 5½	2½-3½	Water	54x14	28 x5	133	61		\$1150	
	32	16	4	Vertical	5½ x 7	2½-3½	Water	62x20	38 x8	173	80½		\$2500	
R. A. Lister Co., Ltd.	20	10	4	Vertical	3½ x 5	2½	Water	60x18	30 x5	156	63		\$1185	
Waterloo Manufacturing Co.	Model C	20	12	4	Vertical	4½ x 6½	1-4	Water	57x10	30 x5		15	\$1745	
	Model D	16	9	4	Vertical	4½ x 5½	1-4	Water	54x 8	30 x4		15	\$1430	
J. I. Case		18	9	4	Vertical	3½ x 5	2½-3½	Water	48x10	14½x5½	123	58	16	\$1250
		20	10	4	Vertical	4½ x 6	2½-2½	Water	52x10	30 x8	158½	67	20	\$1420
		25	12	2	Opposed	7 x 7	1½-2½	Water	56x18	38 x8	148½		17	\$2185
Geo. White & Sons	27	13	4	Vertical	5 x 6	1.75-2.4	Water	48x12	32 x6	137	78	10	\$1900	
Avery Co.	25	12	2	Opposed	6½ x 7	1½-2½	Water	36x20	30 x8	164	80	20	\$1930	
Goold, Shapley & Muir	30	15	2	Opposed	8 x10	2½-4	Water	74x24	44 x10	162	97	35	\$2350	
Waterloo Boy Kerosene Tractor	Model R	24	12	2	Twin	6 x 7	2½-3	Water	52x12	28 x6	132	72	20	\$1475
	Model N	25	12	2	Twin	6½ x 7	2½-3	Water	52x12	28 x6	132	72	20	
J. D. Adshead	24	12	2	Twin	5½ x 7	2½	Water	56x10	31	142	78	11	\$1425	
I. H. C.	Mogul	20	10	1	Horizontal	8½x12	2-2½	Water	54x10	36 x6	135	56	13	\$1275
	Titan	20	10	2	Horizontal	6½ x 8	2-2½	Water	54x10	36 x6	147	60	16	\$1400
Huber Mfg. Co.	Information not available													
Emerson Brantingham	20	12	4	Vertical	4½ x 5	2-2½	Water	60x24	48 x10	180	96	25		
	35	20	4	Vertical	5 x7	1½-x2½	Water	72x16	42 x8	196	76	35		
Advance Rumely Co.	16	8	4	Vertical	4 x 5½	2+	Water	56-	34-	192	95	17½	\$1215 with 2 plows	
Western Canada Auto Tractor	Tractor attachment for Ford cars													

At the Brandon Plowing Demonstration, which was held July 17th, 18th and 19th, there were twenty-two machines all designed for the same purpose, and yet very unlike in their de-

I will not go into detail as to the various machines, but will ask my readers to carefully go over the table of specifications as given herewith. This done, go over the two pages of illustra-

have been difficult to get together otherwise, such a demonstration as that given at Brandon might be put on at any time, anywhere, the only thing necessary being a knowledge of what is required to

food production. Millions and millions of men have been taken from the ranks of production and poured into the ranks of destruction, and a world that has in general always been comfortably