

Choosing your mixer – Cubic volume occupied by forage in round bales

Round bale size: width x diameter (feet & meter)						
Stage of processing		4x4 (1.2mx1.2m)	4x5 (1.2mx1.5m)	5x5 (1.5mx1.5m)	4x6 (1.2mx1.8m)	5x6 (1.5mx1.8m)
Before processing		50	79	98	113	141
Early processing		151	236	295	339	424
Final processing		86	135	168	194	242

Number of bale to not exceed in order to avoid over spillage (without hay retention ring)

TMR model	Cu.ft capacity	4x4 (1.2mx1.2m)	4x5 (1.2mx1.5m)	5x5 (1.5mx1.5m)	4x6 (1.2mx1.8m)	5x6 (1.5mx1.8m)
A280 (Single auger) struck level	282	3/4	2/4	2/4	1/4	1/4
A280 (Single auger) + 6 in capacity ext.	310	1	3/4	2/4	2/4	2/4
A280 (Single auger) + 12 in capacity ext.	338	1 1/4	1	3/4	2/4	2/4
A280 (Single auger) + 18 in capacity ext.	367	1 3/4	1	3/4	3/4	2/4
A380 (Single auger) struck level	380	1	3/4	2/4	2/4	2/4
A380 (Single auger) + 6 in capacity ext.	416	1 1/4	3/4	3/4	2/4	2/4
A380 (Single auger) + 12 in capacity ext.	453	1 3/4	1	3/4	3/4	2/4
A380 (Single auger) + 18 in capacity ext.	490	2 1/4	1 2/4	1	1	3/4
A520 (Twin auger) struck level	520	1 2/4	1	3/4	3/4	2/4
A520 (Twin auger) + 6 in capacity ext.	568	2	1 1/4	1	1	3/4
A520 (Twin auger) + 12 in capacity ext.	617	2 2/4	1 2/4	1 1/4	1	1
A520 (Twin auger) + 18 in capacity ext.	666	3	2	1 2/4	1 1/4	1
A700 (Twin auger) struck level	695	2	1 1/4	1	1	3/4
A700 (Twin auger) + 6 in capacity ext.	762	2 2/4	1 2/4	1 1/4	1	1
A700 (Twin auger) + 12 in capacity ext.	829	3	2	1 2/4	1 1/4	1
A700 (Twin auger) + 18 in capacity ext.	897	4	2 2/4	2	1 3/4	1 2/4
A950 (Triple Auger) struck level	953	2 3/4	1 3/4	1 2/4	1 1/4	1
A950 (Triple Auger) + 6 in capacity ext.	1038	3 2/4	2 1/4	1 3/4	1 2/4	1 1/4
A950 (Triple Auger) + 12 in capacity ext.	1125	4	2 2/4	2	1 3/4	1 2/4
A950 (Triple Auger) + 18 in capacity ext.	1212	5 2/4	3 2/4	2 3/4	2 2/4	2
A1230 (Triple Auger) struck level	1236	3 2/4	2 1/4	1 3/4	1 2/4	1 1/4
A1230 (Triple Auger) + 6 in capacity ext.	1348	4 2/4	2 3/4	2 1/4	2	1 2/4
A1230 (Triple Auger) + 12 in capacity ext.	1461	5 1/4	3 2/4	2 3/4	2 1/4	2
A1230 (Triple Auger) + 18 in capacity ext.	1575	7	4 2/4	3 2/4	3 1/4	2 2/4

123,0	44%
164,8	53%
206,8	61%
249,6	68%
165,5	44%
206,1	50%
247,5	55%
329,9	67%
226,5	44%
302,0	53%
377,5	61%
453,0	68%
302,0	43%
377,5	50%
453,0	55%
604,0	67%
414,3	43%
514,2	50%
614,7	55%
816,1	67%
537,1	43%
667,8	50%
798,4	55%
1060,5	67%