

GOLF COURSE NEWS

Mowers made lighter, tougher,

One golf course superintendent may need a mower that performs well on hills and in a wet climate while another superintendent requires a unit that works best on flat terrain in an arid region. One superintendent may maintain short, narrow fairways while another has

wide, expansive ones.

This survey will not be all things to all greenkeepers. We have developed it — with advice from superintendents and industry experts — to provide some basic information about models of mowers the manufacturers have chosen to fea-

ture in the categories of green, fairway, rough and trim areas.

As superintendent Chuck Ravis of the exclusive Augusta (Maine) Country Club noted, "Very few people will buy equipment without first test-driving it. I first want to know it will do the job on my course."

Company	No. of models	Chosen model	Price	Date Introduced	No. of Service Ctrs.	No. of Parts Ctrs.	Frequency of cut	Width of reels	No. of reels	Acres cut per hour	Height of cut	Traction drive
Brouwer/Roughs #210	2	KTM-5S	\$21,322	1987	135	135	Variable	30	5	4.3-6.5	1/4-3 1/4	Hydrostatic
Fairway #211	2	KTM-5F	\$22,190	1987	135	135	Variable	30	5	4.3-6.5	3/8-3 1/8	Hydrostatic
Green #212	1	LM22 GE	\$3,242	1985	135	135	.253	22	1	N/A	1/8-13/16	Mechanical
Trim #213	1	376A	\$6,587	1985	135	135	Variable	30	3	3	1/2-3	Mechanical
Bunton/Fairway #214	1	MBMT-52 FD		1985	20	20	.35/5 mph	31.5	7	9.4	3/8-33/4	Mechanical
Green #215	3	BG61-18ON		1986	20	20	.23/3.5 mph	22	3	2.25	3/32-3/4	Hydrostatic
Roughs #216	1	MBMT-52FD		1985	20	20	.50/5 mph	31.5	7	9.4	1/2-33/4	Mechanical
Trim #217	1	MB MT-22KD		1985	20	20	.35/5 mph	31.5	3	4.2	1/2-33/4	Hydrostatic
Cushman/Roughs #218	2	807	\$10,400	1985	78	78+	N/A	60	2	4.0	1-4 1/2	Hydrostatic
Trim #219	1	804	\$8,054	1980	78	78+	N/A	60	2	3.3	1-4.5	Hydrostatic
Deere/Fairway #220	4	3325 Professional	\$36,144	1988	80	80	.38-1.02	30	5	8	3/9-3	Hydrostatic
Green #221	3	22 Walking	\$3,316	1987	80	80	.24	22	1	N/A	7/64-3/4	External drum
Roughs #222	8	E915 Front Mower	\$12,370	1986	800	800	N/A	Rotary	Rotary	4.8	1-6	Hydrostatic
Trim #223	8	856 Turf Mower	\$20,000	1987	80	80	.110-1.68	30	3	4.1	3/8-23/8	Hydrostatic
Jacobsen/Fairway #224	7	LF-100	\$21,195	1988	150	150	.087/mph	22-100	5	5.5	5/16-13/16	Hydrostatic
Green #225	4	GreensKing 4	\$13,866	1984	150	150	.069/mph	22-62	3	2.16	5/64-7/16	Hydraulic
Roughs #226	5	HR-15	\$38,297	1984	150	150	N/A	188	3 Rotary	9.7	2-6	4-spd manual
Trim #227	12	Tri King 1684	\$16,215	1989	150	150	.106/mph	30-84	3	4.0	3/8-23/4	Hydrostatic
Kubota/Fairway #228	2	VR5701 7-gang	\$29,000	1989	40	40	.2-2.5	30	7	N/A	3/8-3	Pull-behind
Rough #230	2	F2400 Rotary	\$16,000	1986	800+	800+	N/A	N/A	N/A	N/A	1 1/2-4	PTO
Trim #231	1	W5021-SCC	\$799	1988	800	800	N/A	N/A	N/A	N/A	1-3 1/2	Belt drive
Lesco/Fairway #232	2	500 D		1988	*	*	.34	22	5	N/A	1/4-13/8	Hydraulic
Green #233	1	300 Greenmower		1986	*	*	.25	22	3	N/A	1/8-11/8	Hydraulic
Trim #234	1	400 Trim		1988	*	*	.25	26	3	N/A	1/8-11/8	Hydraulic
National/Fairway #235	3	Power Quint		1985	40	40	N/A	11.5 ft.	5	6.0	3/4-2.5	Mechanical
Roughs #236	5	84 Triplex		1953	40	40	N/A	7 ft.	3	5.5	3/4-2.5	Mechanical
Trim #237	3	68 Triplex		1963	40	40	N/A	5'-8	3	2.0	3/4-2.5	Mechanical
Ransomes/Fairway #238	1	Fairway 5000		1989	35	35	73/yd @ 6 mph	22 3/4	5	N/A	5/16-13/16	Hydraulic
Green #239	3	Greens GT		1988	35	35	.18-.3	22 3/4	3	2.5	1/8-3/4	Hydraulic
Rough #240	4	5/7 Sportcutter		1975	35	35	33-78/yd	N/A	7	7	N/A	depends on tractor
Trim #241	2	Motor 180TR15B		1988	35	35	75/yd @ 4 mph	26	3	2	1/4-13/4	Belt drive
Roseman/Fairway #242	4	HGPF-7	\$24,000	1978	30	30	.2-2.50/mph	30	7	10	3/8-3	Manual
Toro/Fairway #243	8	Reelmaster 223-D	\$23,000	1989	50+	50+	.34-1.2	95	5	5	1/4-3/4	Hydrostatic transaxle
Green #244	5	Greensmaster 3000	\$12,500	1971	50+	50+	.17-.4	59	3	N/A	3/32-3/4	Hydraulic
Rough #245	12	Groundsmaster 580-D	\$50,000	1988	50+	50+	N/A	16'	N/A	14.5	1-5	Split hydrostatic
Trim #246	4	Reelmaster 216	\$13,000	1987	50+	50+	.45-1.64	72	3	3.5	1/4-2 5/8	Hydrostatic

*— Lesco pays an hourly labor rate and guarantees overnight parts delivery.

with improved cutting and conditioning units

You have to try it on your course, under your conditions... and look it over, from your standpoint and your mechanic's standpoint.

"We want to look at traction — where the wheels are, where the weight is centered, the cost of maintenance and how durable it

is, the number of welds and thickness of steel. In different designs, the features are cluttered up with shields."

Ravis suggested that before buying any mower, a superintendent talk with other superintendents who have used that particu-

lar equipment.

Noting that the parts and service are different for different areas of the country, Ravis added, "The cost is important and the service — technical backup, parts service and proximity to your course — are critical."

Jim Byrnes, advertising manager for the Jacobsen Division of Textron Inc., said mower manufacturing is moving in "one clear direction."

"Manufacturers are intensifying turf management — lower heights, *Continued on page 30*

For further information on any of the mowers listed in this survey, circle the number on the enclosed reader service card that corresponds with the number next to the mower you are interested in.

Reel drive	Engine hp, type	2-, 3-, or 4-wheel drive	Green conditioner	Interchangeable implements	Grass catcher available	Ground pressure	Transport width	Transport speed	Mowing speed	Frontmower	Cab available	No. of attachments
PTO	19.5 diesel	4	N/A	Yes	No	14 psi	94	12 mph	0-11.3 mph	No	No	3
PTO	19.5 diesel	4	N/A	Yes	No	14 psi	94	12 mph	0-11.3 mph	No	No	3
Mechanical	3.5 hp gas	2	Yes	Yes	Yes	N/A	N/A	4.8 mph	N/A	Yes	No	5
Mechanical	9hp/4 cycle	2	N/A	No	No	N/A	69	5.8 mph	2-5.8 mph	No	No	None
Hydraulic	52 hp, diesel	2	N/A	Yes	No	10 psi	91	22 mph	6 mph	Yes	Yes	6
Hydraulic	18 hp, gas or diesel	2	Yes	No	Yes	8 psi	69.7	7.5 mph	3.5-4.0 mph	No	No	None
Hydraulic	52 hp diesel	2	None	Yes	No	10 psi	91	22 mph	6 mph	Yes	Yes	6
Hydraulic	22 hp Diesel	2	None	Yes	No	14.7 psi	53.5	13 mph	0-6 mph	Yes	Yes	5
Hydrau&Mech	Diesel 22	2	None	Yes	Yes	6.4 psi	84	8.5 mph	5.5 mph	Yes	Yes	10+
Hydrau&Mech	22 air-cooled	2	None	Yes	Yes	6 psi	62.5	8.5 mph	5.5 mph	Yes	Yes	10+
Hydraulic	38 hp diesel	2	None	Yes	Yes	9.7 psi	89	12 mph	0-7.2 mph	No	No	12
Belt tension	3.6 hp, gas	N/A	Yes	N/A	Yes	N/A	47.5	5.2 mph	3.1 mph	No	No	7
PTO	17 hp	2	None	Yes	Yes	N/A	72.5	9.5 mph	0-9.5 mph	Yes	Yes	16
Hydraulic	24 hp diesel	2 or 4	None	Yes	No	14 psi	52.3	11 mph	0-6 mph	No	No	47
Hydraulic	22/dsl/liq	4	Yes	Yes	Yes	8.0 psi	86	10 mph	0-6 mph	Yes	Yes	7
Hydraulic	16/gas/air	2	Yes	Yes	Yes	8.5 psi	68	6.6 mph	0-3.6 mph	Yes	No	15
Hydraulic	78/dsl/liq	2	Yes	Yes	No	N/A	96	20 mph	2.7-5.5 mph	Yes	Yes	5
Hydraulic	16.5/dsl/liq	3	Yes	Yes	Yes	11.0 psi	78	8.5 mph	0.5-0 mph	Yes	No	9
Hydraulic	42 hp diesel	2	None	Yes	No	N/A	93	18 mph	6.0+ mph	No	No	None
N/A	24 hp diesel	4	None	Yes	Yes	N/A	45	9.5 mph	Variable	Yes	Yes	7
N/A	5 hp gas	2	None	No	Yes	N/A	21.8	N/A	2.5-3.5 mph	No	No	7
Hydraulic	22 hp diesel	3	None	Yes	Yes	N/A	72	0-10 mph	0-4.5 mph	Yes	No	6
Hydraulic	18 hp gas	2	Yes	Yes	Yes	N/A	72	0-6.75 mph	0-3.75 mph	Yes	No	6
Hydraulic	18 hp gas	2	None	No	No	N/A	80	0-6.75 mph	0-3.75 mph	Yes	No	2
Belt	Gas	N/A	None	Yes	No	N/A	8 ft.	depends	5 mph	No	No	3
Belt	12 Kohler	2	None	None	No	N/A	50	depends	5 mph	No	No	2
Belt	7.5 Kawasaki	2	None	None	No	N/A	40	depends	4 mph	No	No	None
Hydraulic	23 hp diesel		None	Yes	Yes	N/A	71	0-9 mph	0-6 mph	Yes	No	3
Hydraulic	14 hp diesel	2	None	Yes	Yes	4 psi	70.5	0-7.5 mph	0-5 mph	Yes	No	3
Hydraulic	Depends	N/A	None	No	N/A	N/A	98.5	depends	3.1-7.5 mph	No	Yes	Verticut
Belt drive	15 hp gas	2&3	None	Yes	Yes	N/A	81	0-6.5 mph	0.4 mph	Yes	No	None
Hydraulic direct	40 hp	2	None	Yes	No	5.7 psi	96	18 mph	4-7 mph	No	No	Verticut
Hydraulic	23 hp diesel	2	N/A	Yes	Yes	9-10 psi	86	0-10 mph	0-6 mph	Yes	No	3
Hydraulic	16 hp Kohler	2	Yes	Yes	Yes	8-10 psi	68	6.7 mph	3.8 mph	Yes	No	20
Hydraulic	80 hp turbo	2	N/A	Yes	No	9 psi	83	20 mph	7.5 mph	Yes	Yes	2
Solid link V-belt	16 hp gas	2&3	N/A	Yes	Yes	9-10 psi	76	0-6.2 mph	0-5 mph	Yes	No	16

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Mowers

Continued from page 17
 getting more specialized equipment, dealing with the trend of smaller fairways.

"Superintendents are maintaining fairways almost to the level of the greens," he said.

The greens conditioner has been the major innovation of the late 1980s and, since Jacobsen introduced the first model two years ago, others in the industry have followed suit with their own versions.

Byrnes added that crucial factors today are quality of cut and a machine's weight and durability.

But he pointed out that "what's exciting one place is not another. In the South you have sandy soil, Bermuda grass, and they're not concerned about weight. But high-rainfall areas would be concerned about weight.

"Also, the public course as opposed to the private might call for different equipment, such as a private using a three- or five-gang to cut one-half inch or less and for striping."

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