

# Z Master® Specifications

CONFIGURATIONS	Z500 Estate Series	Z500 PRO Value Series	Z500 PRO Performance Series	Z500 Diesel Series
25 hp Kawasaki® OHV V-Twin	52" / 60"	-	-	-
30 hp Kohler® OHV V-Twin	-	52" / 60" / 72"	-	-
27 hp Kawasaki Liquid-cooled	-	-	60" / 72"	-
28 hp Kohler EFI	-	-	60" / 72"	-
23 hp Kubota® Diesel	-	-	-	52" / 60"
27 hp Daihatsu® Diesel	-	-	-	60" / 72"

## POWER SYSTEM

Heavy-Duty Canister Air Cleaner	Optional	Standard	Standard	Standard	Standard
Clutch	175 ft-lb electromagnetic	200 ft-lb electromagnetic	200 ft-lb electromagnetic	200 ft-lb electromagnetic	200 ft-lb electromagnetic
Hydraulic Pumps (2)	Hydro-Gear® 10 cc/rev	Hydro-Gear 12 cc/rev w/system check relief	Hydro-Gear 12 cc/rev w/system check relief	Hydro-Gear 16 cc/rev w/system check relief	Hydro-Gear 21 cc/rev w/system check relief
Wheel Motors (2)	Parker® 14.5 cir 1-1/4" tapered shaft	Parker 14.5 cir 1-1/4" tapered shaft	Parker 14.5 cir 1-1/4" tapered shaft	Hydro-Gear 18 cir 1-1/4" tapered shaft	Parker 17.1 cir 1-1/4" tapered shaft
Maximum Ground Speed (fwd/rev)	8.5 mph/4.9 mph	10 mph/6.3 mph	10 mph/6.3 mph	11.2 mph/6.3 mph	12 mph/8 mph
Hour Meter	Standard	Standard	Standard	Standard	Standard
Rear Drive Tires	23" x 9.5" - 12"	24" x 12" - 12" (52" = 23" x 9.5" - 12")	24" x 12" - 12"	24" x 12" - 12" (52" = 23" x 9.5" - 12")	26" x 12" - 12"
Front Caster Tires	13" x 6.5" - 6"	13" x 6.5" - 6"	13" x 6.5" - 6"	13" x 6.5" - 6"	13" x 6.5" - 6"
Fuel / Capacity	Gasoline / 12 gallons	Gasoline / 12 gallons	Gasoline / 12 gallons	Diesel / 12 gallons	Diesel / 12 gallons

## MOWING DECKS

Type	7-Gauge	TURBO FORCE®	TURBO FORCE	TURBO FORCE	TURBO FORCE
Deck Construction	Fabricated, 7-gauge steel	Fabricated, 7-gauge steel w/ bull-nose bumper	Fabricated, 7-gauge steel w/ bull-nose bumper	Fabricated, 7-gauge steel w/ bull-nose bumper	Fabricated, 7-gauge steel w/ bull-nose bumper
Deck Material	High-strength steel	High-strength steel	High-strength steel	High-strength steel	High-strength steel
Deck Depth	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"
Adjustable Discharge Baffle	-	Standard	Standard	Standard	Standard
Spindle Housings	9-3/8" diameter cast iron	9-3/8" diameter cast iron	9-3/8" diameter cast iron	9-3/8" diameter cast iron	9-3/8" diameter cast iron
Spindle Shaft/Bearings	1" shaft/ball bearings	1" shaft/tapered roller	1" shaft/tapered roller	1" shaft/tapered roller	1" shaft/tapered roller
Blades (3)	1/4" heat treated steel	1/4" heat treated steel	1/4" heat treated steel	1/4" heat treated steel	1/4" heat treated steel
Blade Tip Speed	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min
Belt Construction	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt
Enhanced Belt Wrap	Minimizes belt slip	Minimizes belt slip	Minimizes belt slip	Minimizes belt slip	Minimizes belt slip
Discharge Chute	Rubber	Rubber	Rubber	Rubber	Rubber
Cutting Height	1-1/2" - 5"	1-1/2" - 5"	1-1/2" - 5"	1-1/2" - 5"	1-1/2" - 5"
Anti-Scalp Rollers - 52"	3 standard, 2 optional	5 standard	-	5 standard	-
Anti-Scalp Rollers - 60"/72"	4 standard, 2 optional	6 standard	6 standard	6 standard	6 standard
Carrier Frame Construction	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel

## OPERATOR ZONE

Steering Controls	1-3/16" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened
Floor Pan	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access
Seat	Spring Reinforced	Elastomeric	Deluxe Suspension	Elastomeric	Deluxe Suspension
Seat Belt	Retractable	Retractable	Retractable	Retractable	Retractable
Arm Rests	Standard	Standard	Standard	Standard	Standard
Seat Suspension System	Optional	Optional	Standard	Optional	Standard
Beverage Holder	Standard	Standard	Standard	Standard	Standard
Folding ROPS	Standard	Standard	Standard	Standard	Standard

MODEL	Weight	ROPS Height		Width			
		Folded	Upright	Deck	Deflector	Length	
ESTATE SERIES	25 hp Kaw/52" 7-GA Deck	1086 lbs	53"	72"	53.7"	68"	79.5"
	25 hp Kaw/60" 7-GA Deck	1137 lbs	53"	72"	61.7"	76"	81.5"
	30 hp Koh/52" TF Deck	1130 lbs	53"	72"	53.7"	68"	79.5"
PRO VALUE SERIES	30 hp Koh/60" TF Deck	1173 lbs	53"	72"	61.7"	76"	81.5"
	30 hp Koh/72" TF Deck	1232 lbs	53"	72"	73.6"	88"	84.5"
	27 hp Kaw LC/60" TF Deck	1330 lbs	53"	72"	61.7"	76"	81.5"
PRO PERFORMANCE SERIES	27 hp Kaw LC/72" TF Deck	1395 lbs	53"	72"	73.6"	88"	84.5"
	28 hp Koh EFI/60" TF Deck	1254 lbs	53"	72"	61.7"	76"	81.5"
	28 hp Koh EFI/72" TF Deck	1319 lbs	53"	72"	73.6"	88"	84.5"
	23 hp Diesel/52" TF Deck	1429 lbs	53"	72"	53.7"	68"	79.5"
	23 hp Diesel/60" TF Deck	1470 lbs	53"	72"	61.7"	76"	81.5"
DIESEL SERIES	27 hp Diesel/60" TF Deck	1630 lbs	55"	74"	61.7"	76"	86.0"
	27 hp Diesel/72" TF Deck	1695 lbs	55"	74"	73.6"	88"	89.0"

## Z500 Series Collection Systems

### TWIN BAGGER

Deck-mounted, spindle-driven fan; 2 commercial-grade mesh bags w/reinforced front & bottom; 10 cu. ft. capacity (8 bushels).  
 L 52" deck - 107.2" (272.3cm) W 52" deck - 66.5" (168.9cm)

### TRIPLE BAGGER

Deck-mounted, spindle-driven fan; 2 commercial-grade mesh bags w/reinforced front & bottom; 16.7 cu. ft. capacity (13.4 bushels).  
 L 60" deck - 110.0" (279.4cm) W 60" deck - 74.9" (190.2cm)  
 L 72" deck - 113.2" (287.5cm) W 72" deck - 87.4" (222.0cm)

### DFS VAC

Top-mounted, PTO driven fan; Dump-from-the-seat, high-strength polyethylene hopper; 14 cu. ft. capacity (11.3 bushels).  
 L 52" deck - 115.5" (293.4cm) W 52" deck - 61.3" (155.7cm)  
 L 60" deck - 117.5" (298.5cm) W 60" deck - 69.3" (176.0cm)  
 L 72" deck - 120.5" (306.1cm) W 72" deck - 81.2" (206.2cm)

\*length & width measurements are as installed

# Z Master Specifications

CONFIGURATIONS	Z400 Estate Series	Z400 PRO Value Series	Z400 PRO Performance Series	Z100 Series
18 hp Kohler® OHV	48"	-	-	-
19 hp Kawasaki® OHV V-Twin	52"	-	-	-
19 hp Kawasaki KAI OHV V-Twin	-	48" / 52"	-	44" SFS
20 hp Kohler OHV V-Twin	-	-	52"	-
23 hp Kawasaki OHV V-Twin	-	-	48"/52"	-

## POWER SYSTEM

Heavy-Duty Canister Air Cleaner	Optional (19hp Kaw)	Optional	Standard	Standard
Clutch	125 ft-lb electromagnetic	175 ft-lb electromagnetic	175 ft-lb electromagnetic	175 ft-lb electromagnetic
Hydraulic Pumps (2)	Hydro-Gear® 10 cc/rev w/shock valves	Hydro-Gear 10 cc/rev	Hydro-Gear 10 cc/rev	Hydro-Gear 10 cc/rev
Wheel Motors (2)	Parker® 13.9 cir 1" tapered shaft	Hydro-Gear 15.1 cir 1-1/4" tapered shaft	Hydro-Gear 15.1 cir 1-1/4" tapered shaft	Hydro-Gear 15.1 cir 1-1/4" tapered shaft
Maximum Ground Speed (fwd/rev)	7.2 mph/4.2 mph	8.5 mph / 4.9 mph	8.5 mph / 4.9 mph	8.5 mph / 4.9 mph
Hour Meter	Standard	Standard	Standard	Standard
Rear Drive Tires	20" x 10" - 10"	23" x 9.5" - 12"	23" x 9.5" - 12"	23" x 9.5" - 12"
Front Caster Tires	11" x 4" - 5"	13" x 5" - 6"	13" x 5" - 6"	13" x 5" - 6"
Fuel / Capacity	Gasoline / 10 gallons	Gasoline / 10 gallons	Gasoline / 10 gallons	Gasoline / 10 gallons

## MOWING DECKS

Type	7-Gauge	TURBO FORCE®	TURBO FORCE	Super Flow System® (SFS)
Deck Construction	Fabricated, 7-gauge steel	Fabricated, 7-gauge steel w/ bull-nose bumper	Fabricated, 7-gauge steel w/ bull-nose bumper	Stamped, 12-gauge steel w/ bull-nose bumper
Deck Material	High-strength steel	High-strength steel	High-strength steel	Standard commercial steel
Deck Depth	5-1/2"	5-1/2"	5-1/2"	5-1/2" front, 4" rear
Adjustable Discharge Baffle	N/A	Standard	Standard	N/A
Spindle Housings	9-3/8" diameter cast iron	9-3/8" diameter cast iron	9-3/8" diameter cast iron	9-3/8" diameter cast iron
Spindle Shaft/Bearings	1" shaft/ball bearings	1" shaft/ball bearings	1" shaft/ball bearings	1" shaft/ball bearings
Blades (3)	1/4" heat treated steel	1/4" heat treated steel	1/4" heat treated steel	1/4" heat treated steel
Blade Tip Speed	18,500+ ft/min	18,500+ ft/min	18,500+ ft/min	18,000+ ft/min
Belt Construction	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt	Aramid Fiber V-Belt
Enhanced Belt Wrap	Minimizes belt slip	Minimizes belt slip	Minimizes belt slip	Minimizes belt slip
Discharge Chute	Rubber	Rubber	Rubber	Rubber
Cutting Height	1-1/2" - 4-1/2"	1-1/2" - 4-1/2"	1-1/2" - 4-1/2"	1-1/2" - 4-1/2"
Anti-Scalp Rollers - 48"	3 standard, 1 optional	3 standard, 1 optional	3 standard, 1 optional	5 standard (44")
Anti-Scalp Rollers - 52"	3 standard, 2 optional	3 standard, 2 optional	3 standard, 2 optional	-
Carrier Frame Construction	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel	2" x 2" x 3/16" steel

## OPERATOR ZONE

Steering Controls	1-3/16" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened	1-5/8" diameter grips adjustable, dampened
Floor Pan	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access	Pierced, extruded tread No-tools deck access
Seat	Spring Reinforced	Elastomeric	Elastomeric	Elastomeric
Seat Belt	Retractable	Retractable	Retractable	Retractable
Arm Rests	Optional	Standard	Standard	Standard
Seat Suspension System	Optional	Optional	Optional	Optional
Beverage Holder	Standard	Standard	Standard	Standard
Folding ROPS	Standard	Standard	Standard	Standard

MODEL	Weight	ROPS Height		Width		Length
		Folded	Upright	Deck	Deflector	
<b>ESTATE SERIES</b> 18 hp Koh/48" 7-GA Deck	899 lbs	51"	69"	49.7"	64"	78"
19 hp Kaw/52" 7-GA Deck	924 lbs	51"	69"	53.7"	68"	78"
<b>PRO VALUE SERIES</b> 19 hp Kaw/48" TF Deck	1010 lbs	52"	70"	49.7"	64"	78"
19 hp Kaw/52" TF Deck	1092 lbs	52"	70"	53.7"	68"	78"
<b>PRO PERFORMANCE SERIES</b> 20 hp Koh/52" TF Deck	1092 lbs	52"	70"	53.7"	68"	78"
23 hp Kaw/48" TF Deck	1067 lbs	52"	70"	49.7"	64"	78"
23 hp Kaw/52" TF Deck	1092 lbs	52"	70"	53.7"	68"	78"
<b>Z100 SERIES</b> 19 hp Kaw/44" SFS Deck	941 lbs	52"	70"	47"	61.3"	78"

## Z400 Series Collection Systems

### TWIN BAGGER

Deck-mounted, spindle-driven fan; 2 commercial-grade mesh bags w/reinforced front & bottom; 10 cu. ft. capacity (8 bushels).

L 48" deck - 95.5" (242.6cm)    
 W 48" deck - 61.7" (156.7cm)  
L 52" deck - 95.5" (242.6cm)    
 W 52" deck - 66.5" (168.9cm)

### DFS VAC

Top-mounted, PTO driven fan; Dump-from-the-seat, high-strength polyethylene hopper; 10 cu. ft. capacity (8 bushels).

L 48" deck - 97.3" (247.1cm)    
 W 48" deck - 57.3" (145.5cm)  
L 52" deck - 97.3" (247.1cm)    
 W 52" deck - 61.3" (155.7cm)

\*length & width measurements are as installed