

BUILT BY PROS FOR PROS



ZTR-42E



Liaocheng JADE Outdoor Power Equipment Co., Ltd



LAWN MOWING



SOIL, TURF & GROUNDS



TURFHOME&GARDEN



CAREGOLF &SPORTS



HOMEOWNER& BUSINESS START-UP USING



THE TIERCEL Zero Turn Mowers
HOMEOWNER&BUSINESS
START-UP USING

Mow 300 m² in 20 mins – Zero Turn Mower"
Grandma-friendly operation – joystick control"



CE

EPA

EURO5

LED

20

Power

2025 NEW

ZTR 42B & ZTR 36B

Icons: 3 trees, 1 tree

ENTRY LEVEL

ZTR 42E

HOMEOWNER



**HOMEOWNER & BUSINESS
START-UP USING**

ZTR 50B ^{36B} ^{42B}

	Displacement	Throttle
36B	680cc	20HP
42B	680cc	20HP
50B	750cc	23HP

- ✓ Zonsen XP680 20HP V-Twin
Loncin LC2P73F 17HP V-Twin
(Zonsen XP750 23HP V-Twin)
(Loncin LC2P80F 23HP V-Twin)

- ✓ Flexible steering
Motion control levers are shaped and positioned for operator comfort and easy of control

COMPACT DESIGN HIGH POWER AND TORQUE

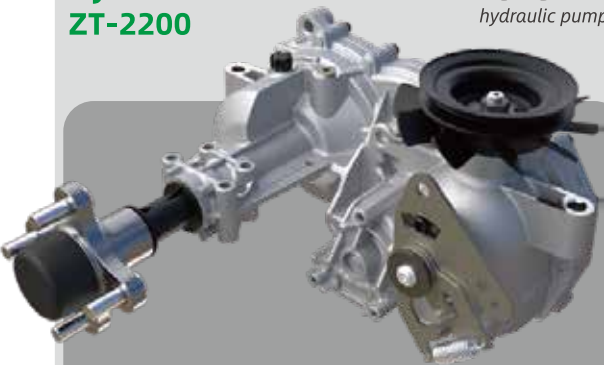


20HP

23HP

Hydro Gear ZT-2200

HYDRO-GEAR
hydraulic pumps



(Optional ZT-2800)



SPEED

up to 7 mph [up to 11 mph]



OUTPUT TORQUE

up to 215 lb-ft [up to 291 Nm]

Data source Hydro-Gear official website



Folding ROPS

The easily foldable roll over protection system (ROPS) can be lowered in tight areas without the proper clearance.



18-liter Fuel Tank

The 18-liter fuel tank has enough capacity for extended mowing operations in a professional environment.



High-Back seat

Deep cushions and generous bolsters offer superior comfort and reduced vibrations



Rugged Frame

Stylish and strong engine protection comes standard.



Ergonomic controls

Comfortable, user-focused controls put everything needed to operate the mower within easy reach.

HEAVY DUTY

FABRICATED CUTTING DECK



36B

Cutting Width
36inch/915mm
Cutting Height Rang
1.5-4.5 inch/38-114mm
Number of blades
2 pieces

42B

Cutting Width
42inch/1060mm
Cutting Height Rang
1.5-4.5 inch/38-114mm
Number of blades
3 pieces

50B

Cutting Width
50inch/1270mm
Cutting Height Rang
1.5-4.5 inch/38-114mm
Number of blades
3 pieces

BLADE PATTERN

Depending on your lawn environment, you can choose the type of blade you need.



ENTRY LEVEL ZTR 42E

680cc 20HP
42E

Displacement	Throttle
680cc	20HP

COMPACT DESIGN HIGH POWER AND TORQUE

Zonsen XT680 20HPV-Twin ✓

Residential Zero-Turn Lawn Mowers ✓

Compact home mower designed for smaller homeowners. Smaller design makes it ideal for garage storage and through tight spaces such as fence gates



Ergonomic controls

Comfortable, user-focused controls put everything needed to operate the mower within easy reach.



Flexible steering

Motion control levers are shaped and positioned for operator comfort and ease of control



 **SPEED**

up to 7 mph [up to 11 mph]

 **OUTPUT TORQUE**

up to 215 lb-ft [up to 291 Nm]

**ADVANCED INTEGRATED
TRANSMISSION**

Hydro-Gear's ZT series commercial transmissions are fully serviceable and offer higher ground speeds with smooth performance.



Cutting Width

42inch/1060mm

Cutting Height Range

1.5-4.5 inch/38-114mm

Number of blades

2 pieces

A stamped deck built with strong materials and an exceptional belt design while delivering a premium cut.

BUILT BY PROS FOR PROS



HOMEOWNER&BUSINESS START-UP USING



Anti-Scalp Wheels

Reduces the risk of scalping uneven lawns



Adjustable Steering Levers

Motion control levers are shaped and positioned with operator comfort and ease of control in mind.



Oversized, Durable Body

Combined with large tires to deliver superior strength, longer lifetime and a smoother ride.

Robot Welding (tolerance $\leq 0.5\text{mm}$, 100% consistency);
Electrophoretic Coating + Powder Spraying.



Salt Spray Test:

1,500 hours without rust spots (vs. GB standard 800 hours)



Weatherability:

QUV accelerated aging for 3,000 hours, color difference $\Delta E < 1.5$

Actual product may differ from photos.



Carlisle V-Belt

The wedge-shaped cross-section of the V-Belt increases the contact area with the pulley, resulting in higher friction.



Grass-friendly Tires

Designed for a long lifespan while staying gentle on your grass.



Heavy Duty Rubber Discharge Chute

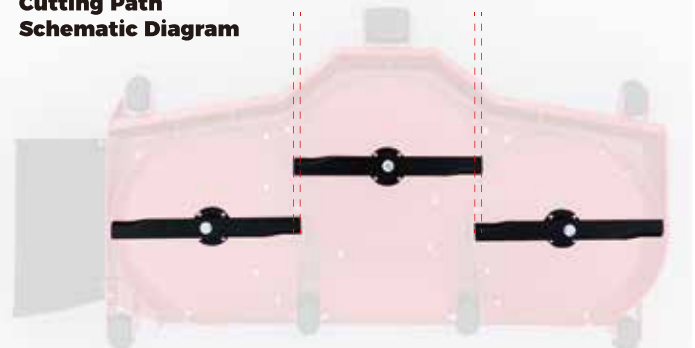
The discharge chute is built of heavy-duty rubber to withstand wear and tear while protecting nearby property.



Strong, Adjustable Clutch For Long Life

The Oigura Electromagnetic Clutch Brake provides excellent starting and stopping power for the cutter deck to its maintain strength for longer life.

Cutting Path Schematic Diagram



We adhere to a high-efficiency design philosophy, incorporating overlapping cutting zones between our mower blades. The overlap ratio may vary depending on the specific mower model and blade dimensions, ensuring optimal cutting performance across different operational requirements.

Model Number		ZTR36B	ZTR42B	ZTR42E	ZTR50B
ENGINE	Engine	Zonsen XT680 20HP V-Twin Loncin LC2P73F 17HP V-Twin	Zonsen XP680 20HP V-Twin Loncin LC2P73F 17HP V-Twin	Zonsen XT680 20HP V-Twin Loncin LC2P73F 17HP V-Twin	Zonsen XP750 23HP V-Twin Loncin LC2P80F 23HP V-Twin
	Displacement	680cc/586cc	680cc/586cc	680cc/586cc	750cc/764cc
	Fuel capacity	25L	25L	25L	18L
	Certificate	CE/EPA/Euro 5	CE/EPA/Euro 5	CE/EPA/Euro 5	CE/EPA/Euro 5
DECK	Deck Type	Fabricated	Fabricated	Integral Stamping Cutter	Fabricated
	Number of blades	two pieces	two pieces	two pieces	Three pieces
	Cutting Width	36inch/915mm	42inch/1060mm	42inch/1060mm	50inch/1270mm
	Cutting Height Range	1.5-4.5 inch/38-114mm	1.5-4.5 inch/38-114mm	1.5-4.5inch/38-114mm	1.5-4.5inch/38-114mm
DRIVE SYSTEM	Spindles	Aluminum	Aluminum	Aluminum	Aluminum
	Transmission	Hydro Gear EZT-2200	Hydro Gear EZT-2200 (Optional ZT-2800)	Hydro Gear EZT-2200	Hydro Gear EZT-2200 (Optional ZT-2800)
	Blade Engagement	Electromagnetic Clutch	Electromagnetic Clutch	Electromagnetic Clutch	Electromagnetic Clutch
	Start	Electric start	Electric start	Electric start	Electric start
	Drive mode	zero turn, rear drive	zero turn, rear drive	zero turn, rear drive	zero turn, rear drive
	Forward speed	0-7.7mph(12.4kph)	0-7.7mph(12.4kph)	0-7.7mph(12.4kph)	0-7.7mph(12.4kph)
	Reverse Speed	0-3.4mph(5.5kph)	0-3.4mph(5.5kph)	0-3.4mph(5.5kph)	0-3.4mph(5.5kph)
DIMENSIONS	Tires-Front	13x5.0-6	13x5.0-6	13x5.0-6	13x5.0-6
	Tires-Rear	18x6.5-8 Turf	18x9.5-8 Turf	18x9.5-8 Turf	18x9.5-8 Turf
	Dimensions	/	/	/	1780mm*1625mm*1682mm
	Pack Size L*W*H	1650mm*930mm*640mm	1650mm*930mm*640mm	1650mm*1100mm*640mm	1900mm*1430mm*940mm
	Weight Overall	245kg	300kg	240kg	320kg
	Container Load 40HQ	56pcs	56pcs	56pcs	30pcs
	Container Load 20GP	18pcs	18pcs	18pcs	10pcs
FEATURES	Hour Meter	Standard	Standard	Standard	Standard
	LED Head Light	Optional	Optional	NO	Standard
	Grass Catcher	Optional	Optional	Optional	Optional
	Mulch Kit	Optional	Optional	NO	Optional

BUILT FOR ALL DAY, EVERY DAY PERFORMANCE
 Feel the Power, Not the Bumps