

# SALES GUIDE

## 450Z NXT2 COMPACT EXCAVATOR





## CONTENTS

STRATEGY	2
OVERVIEW	3
KEY SALES ARGUMENTS.....	3
SPECIFICATIONS.....	4
FEATURES	5
OPERATOR'S CAB .....	5
CONTROLS.....	6
ENGINE.....	7
HYDRAULICS .....	8
BODY / BOOM .....	9
UNDERCARRIAGE / SERVICEABILITY.....	10
ATTACHMENTS	11

## STRATEGY

Today, Mustang is known throughout the world for a lineup of superior compact equipment. With one of the broadest lines of compact equipment available today, Mustang continues to cross frontiers on the way to developing the best machines possible.

The Mustang mission is to distribute high-quality compact equipment through a dedicated distribution network, thereby delivering increased value to our dealers and customers around the globe.

Mustang Compact Excavators excel in applications such as grading and excavating, trenching, digging, demolition and recycling and light utility construction. Their compact nature and zero-tail-swing design make them ideal in situations where space is limited.

The Mustang 450Z NXT2 compact excavator is designed to meet the needs of contractors and agricultural customers. This exciting new model incorporates innovative features that will enhance productivity, operator comfort and efficiency on the jobsite. The 450Z NXT2 compact excavator includes multiple upgrades from the previous 450Z model.





# SALES GUIDE

## OVERVIEW

## key sales arguments

### ALL-NEW!

- TIER IV CERTIFIED  
37.7 hp (28.1 kW) electronically controlled Yanmar diesel engine provides up to 20% less fuel consumption with ECO mode and auto deceleration and features an electronic throttle for precise control.



Yanmar 4TNV88C-PBV Tier IV

### ALL-NEW!

- DIGITAL OPERATOR INTERFACE  
features an hour meter, clock, automatic adjustable reminders, regeneration notifications, historical monitoring and fuel consumption.

### ALL-NEW!

- LARGER CAB  
features state-of-the-art controls, digital display and excellent visibility. Optional enclosed cab with heat and air conditioning further enhances operator comfort.

- ENHANCED SERVICE ACCESS  
is achieved with two large rear doors, a swing open side access panel, and removable covers beneath the operator's feet.

- HYDRAULIC POWER-A-TACH®  
allows attachment changes with the flip of a switch. Operator leaves the seat only to engage and disengage the safety pin.

- TRUE ZERO-TAIL-SWING  
design with cast side protectors add protection at the base of the upper structure.

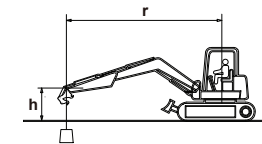
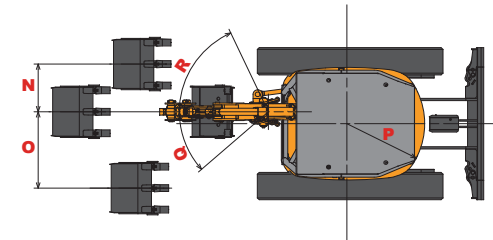
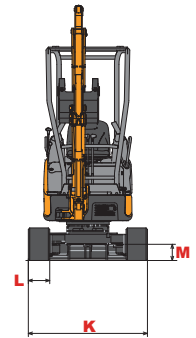
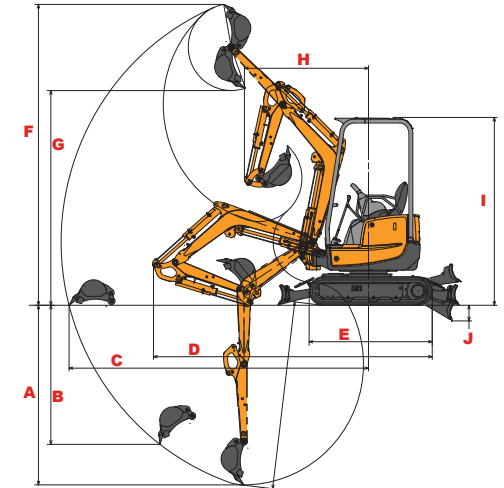
### ALL-NEW!

- PROPORTIONAL AUXILIARY HYDRAULICS  
are standard and give the operator the ability to adjust attachment speeds with infinitely adjustable flow control.



SPECIFICATIONS		450Z NXT2	
ENGINE	Make	Yanmar	
	Model	4TNV88C-PBV Tier IV	
	Type	Diesel	
	Displacement (L)	133.6 cu.in. (2.19)	
	Net Power (kW) @ rpm	37.7 hp (28.1) @ 2400	
	Fuel Tank (L)	17.4 gal. (66)	
HYDRAULIC SYSTEM	Fuel Consumption (L/hr)	1.24 gal./hr (4.7)	
	Pumps	2 variable, 2 gear	
	Total Flow Rate (L/min)	35.1 gpm (132.8)	
	Working Pressure (bar)	3133 psi (216)	
	Swing System Pressure (bar)	3133 psi (216)	
	Oil Cooler	Standard	
	Hydraulic Tank (L)	10.0 gal. (38)	
	UNDERCARRIAGE AND SLEWING SYSTEM	Travel Speed - dual (km/hr)	1.5/2.9 mph (2.4/4.6)
		Gradability	20°
		Track Type / Width (mm)	Rubber / 13.8" (350)
No. of Rollers per Side (track/idle)		4/1	
Undercarriage Length (mm)		8' 6" (2590)	
Track Length on Ground (mm)		7' 4.4" (2246)	
Ground Clearance (mm)		13.6" (345)	
Ground Pressure - Cab/Canopy (kPa)		4.4/4.3 psi (30.6/29.4)	
Slew Speed		10 rpm	
Maximum Drawbar Pull (kg)		10,611 lbs. (4813)	
Maximum Bucket Breakout (kg)		6497 lbs. (2947)	
Maximum Arm Digging Force (kg)		4676 lbs. (2121)	
Operating Weight with Canopy (kg)		10,417 lbs. (4725)	
Operating Weight with Cab (kg)		10,814 lbs. (4905)	
A. Max. Digging Depth (mm)		11' 7.8" (3550)	
B. Max. Vertical Wall Digging Depth (mm)		7' 9.7" (2380)	
C. Max. Reach at Ground Level (mm)		18' 10" (5740)	
DIMENSIONS	D. Transport Length (mm)	17' 5.4" (5320)	
	E. Undercarriage Length (mm)	8' 6" (2590)	
	F. Max. Digging Height (mm)	18' 8.4" (5700)	
	G. Max. Dump Height (mm)	12' 0.9" (3680)	
	H. Minimum Front Swing Radius (mm)	7' 9.7" (2380)	
	I. Transport Height (mm)	8' 4" (2540)	
	J. Blade Below Ground (mm)	1' 9.3" (540)	
	K. Overall Base Width (mm)	6' 4.4" (1940)	
	L. Track Width (mm)	1' 1.8" (350)	
	M. Ground Clearance (mm)	1' 1.6" (345)	
	N. Parallel Offset Right (mm)	2' 6.3" (770)	
	O. Parallel Offset Left (mm)	2' 2.8" (680)	
	P. Rear End Swing Radius (mm)	3' 2.2" (970)	
	Q. Boom Swing Angle - Left	68°	
	R. Boom Swing Angle - Right	68°	
	DOZER BLADE	Max. Dig Depth with 8 ft. (2.5 m) Flat Bottom	10' 3" (3135)
		Width - extended / retracted (mm)	6' 5.6" (1970)
	Height (mm)	15.7" (400)	

## 450Z NXT2 REFERENCE DIAGRAMS



## LIFTING CAPACITIES†

### † Lifting Capacity Charts Notes

- Lifting capacity is hydraulically limited (denoted with \*).
- Lifting capacity calculated with standard Power-A-Tach® quick coupler.
- Note where applicable specifications conform to ISO standards.
- Weight of all lifting devices and attachment must be deducted to determine load that can be lifted.
- Lift point is bucket hinge point.

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)
157.5 (4000)	*2403 (1090)				*2292 (1040)				1763 (800)			
118.1 (3000)	*2358 (1070)	*2314 (1050)			1543 (700)	*1829 (830)			1322 (600)	1587 (720)		
78.7 (2000)	*2425 (1100)	*2645 (1200)	*3306 (1500)		1300 (590)	1719 (780)	*3152 (1430)		1146 (520)	1587 (720)	2425 (1100)	
39.4 (1000)	*2535 (1150)	*3042 (1380)	*4365 (1980)		1256 (570)	1675 (760)	2535 (1150)		1124 (510)	1499 (680)	2204 (1000)	
GROUND (0)	*2579 (1170)	*3284 (1490)	*4585 (2080)	*6459 (2930)	1300 (590)	1587 (720)	2358 (1070)	4166 (1890)	1102 (500)	1366 (620)	2028 (920)	3351 (1520)
-39.4 (-1000)	*2667 (1210)	*2910 (1320)	*4232 (1920)	*6393 (2900)	1521 (690)	1587 (720)	2403 (1090)	4387 (1990)	1322 (600)	1344 (610)	1984 (900)	3571 (1620)
-78.7 (-2000)	*2535 (1150)		*2954 (1340)		2601 (1180)		2469 (1120)		1940 (880)		2116 (960)	



## FEATURES

### operator's cab

#### ALL-NEW FEATURES



- **4-WAY ADJUSTABLE SEAT**  
Fully adjustable seat with retractable belt for custom height, weight and backrest positions.
- **THROTTLE LOCATION**  
Previously a push/pull cable, the throttle is now a conveniently located electronic knob.
- **STAY CONNECTED**  
Canopy model now features an in-dash cell phone holder.
- **RADIO READY**  
Speakers are standard with the cab model. An additional bracket equips the machine with radio.
- **DOMELIGHT**  
Light can be controlled with on/off switch and also turns on automatically when door is opened.
- **2-SPEED BUTTON WITH DETENT**  
Upgrading from a pedal, both feet are now freed up during travel.
- **EMERGENCY CUT-OFF SWITCH**  
Located by the cab door, the kill switch is accessible from the ground in the event of an emergency.
- **ELEVATED TRAVEL PEDALS**  
provide additional foot room while performing stationary work.



	450Z NXT2
<b>OPERATOR'S STATION</b>	
Enclosed Cab (ROPS/FOPS)	●
Canopy (ROPS/FOPS)	●
3" Retractable Safety Belt	●
Adjustable Armrests - Height and Angle	○
Fold-up Front Window	○
Adjustable Suspension Seat	○
Air Conditioning	●
Radio-Ready with Speakers	○
Horn	○
<b>LIGHTS</b>	
Work Lights	○
Boom Light	○
Dome Light	○

○ STANDARD ● OPTIONAL

### controls

- **INFINITELY ADJUSTABLE ELECTRONIC THROTTLE DIAL**
- **TWO-POSITION, HIGH SPEED TRAVEL SWITCH**  
conveniently integrated in the blade control lever.
- **STANDARD ISO OR OPTIONAL BACKHOE**  
control patterns easily selected with the turn of a mechanical lever.
- **PILOT-OPERATED JOYSTICK CONTROLS**  
are operated by simple wrist movements, reducing fatigue during a long workday.
- **PROPORTIONAL AUXILIARY HYDRAULICS ROCKER SWITCH**  
vastly enhances attachment performance, allowing the operator to adjust the flow for optimal attachment performance.
- **ONE-WAY / TWO-WAY RETURN FLOW**  
selection for optimal performance from attachments.

#### ALL-NEW

### DIGITAL OPERATOR INTERFACE



- **ENGINE REGENERATION**  
Alerts and procedural information
- **HOUR METER & CLOCK**
- **RECORDABLE MAINTENANCE HISTORY**  
with adjustable time intervals and reminders
- **MULTIPLE LANGUAGE SELECTIONS**
- **FLUID LEVELS**  
Engine coolant, fuel level, fuel consumption
- **USAGE MONITORING**  
Records hours used for past 90 days and can be reviewed without starting the engine.





## FEATURES

## engine



**ALL-NEW!**  
YANMAR **TIER IV**  
4TNV88C-PBV

- **37.7 hp** (28.1 kW)  
electronically-controlled engine

- **0°F** (-18°C) **COLD START**  
Easy starting, without the need for block heaters or starting fluid.
- **AFTER TREATMENT**  
meets all Tier IV requirements through proven technology. Refer to the Operator's Manual for full details.



- **ALL-NEW!**  
**ECO MODE**  
saves fuel when full speed is not necessary. Activated by the flip of a switch, engine speed is reduced by 10% without sacrificing power.

ENGINE	450Z NXT2
Electric Glow Plug Starting Aid	○
Yanmar, Naturally Aspirated Diesel Engine	○
ECO Mode	○
Auto Deceleration	○

○ STANDARD ● OPTIONAL

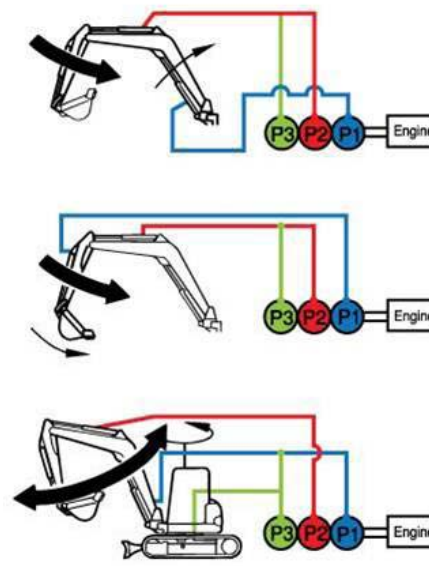
- **ALL-NEW!**  
**AUTO DECELERATION**  
improves fuel economy and lowers noise and emissions levels by reducing the engine speed to idle after four seconds without hydraulic movement.

## FEATURES

## hydraulics

- **UP TO 3133 psi** (216 bar)  
High system pressure delivers more hydraulic muscle to power demanding attachments and deliver superior digging and breakout forces.
- **35.1 gpm** (132.8 L/min)

- **ALL-NEW!**  
**PRECISION CONTROL**  
Standard proportional auxiliary hydraulic control gives the operator the ability to adjust attachment speeds with infinitely adjustable flow control.



- **2 VARIABLE PUMPS + 2 GEAR PUMPS**  
combine oil and redirect the flow to where it is needed, allowing for simultaneous operation without loss of power.
- **SMOOTH OPERATION**  
even while using the boom and arm during turning.
- **TWO-WAY & ONE-WAY AUXILIARY FLOW VALVE**  
allows for direct-to-tank bypass. Return flow selection is standard equipment.



- **HYDRAULIC THUMB ATTACHMENT**  
is a factory installed option that adds versatility to the machine.

HYDRAULIC SYSTEM	450Z NXT2
Power-A-Tach® Hydraulic Quick Attach System	○
Factory-Installed Hydraulic Thumb Attachment	●
Hydraulic Pumps	4
ISO / SAE Pattern Control Valve	○
Proportional Auxiliary Hydraulic Joystick Control	○
Two-way Auxiliary Hydraulics with Quick Couplers and Direct-to-Tank Bypass Valve	○

○ STANDARD ● OPTIONAL



## FEATURES

### body

#### ALL-NEW FEATURES

- **CORROSION RESISTANCE**  
Bucket, arm, boom pins and auxiliary shut-off blocks are now plated, instead of painted, to maintain durability.
- **NEW EXHAUST LOCATION**  
Now in a lower position, the exhaust is quieter.
- **90% INCREASE IN RADIATOR VOLUME**
- **110% INCREASE IN HYDRAULIC COOLER VOLUME**
- **OVERALL HEIGHT REDUCED BY 3%**  
for lower overhead clearance access and easier transportation.
- **TOOL BOX**  
Lockable toolbox on the left-rear panel provides space for operator necessities and tools
- **RELOCATED AIR CONDITIONING**  
Visibility is improved with a compact, integrated rear air conditioning unit.

450Z NXT2	
<b>UNDERCARRIAGE</b>	
Rubber Tracks	○
Selectable 2-Speed Transmission	○
Track Rollers	4
<b>UPPER STRUCTURE</b>	
Auto Idle	○
360 Continuous Movement	○
Motion Alarm	○
Zero-Tail-Swing	○

○ STANDARD ● OPTIONAL



### boom

- **BOOM IS 13% LIGHTER**  
A box type welded boom, upgraded from an outside plate welded boom, is lighter while providing equal strength.
- **HEAVY-DUTY SLIDING CYLINDER GUARDS**  
protect exposed cylinder rods from damage.
- **SINGLE-PIN BOOM MOUNT DESIGN**  
for optimal durability and component life.
- **INTEGRATED BOOM LIGHT**  
illuminates the work area and allows for safe and effective operation after dark.



## FEATURES

### serviceability

#### ALL-NEW!

- **STANDARD TRACK DRIVE SYSTEM**  
The standard track drive system provides long life and allows for easy aftermarket track replacment.

#### ALL-NEW!

- **EASY MAINTENANCE TRACKING**  
A digital display with historical monitoring and automatic, adjustable reminders and intervals provides easier tracking for maintenance procedures.

#### ALL-NEW!

- **TOOL-FREE ACCESS PANELS**  
Quick and easy access to the battery, engine compartment, control valve, cooler & control pattern valve.



### undercarriage

- **STAGGERED TREAD AND MANDREL DESIGN**  
combined with a shorter track pitch reduces vibration.
- **LONG TRACKS**  
provide a smoother ride over rough terrain.
- **SHORT-PITCHED TRACKS**  
to reduce wear, fatigue and damage.
- **ANGLED CRAWLER FRAME**  
reduces soil build-up on the undercarriage, extending the life of the rollers and tracks.



# ATTACHMENTS

## POWER-A-TACH®

Hydraulic Power-A-Tach® quick coupler is standard equipment. Its versatile design works with a wide range of excavator attachments, putting the tools you already own to use. (Not available on the 170Z)



○ **HYDRAULIC ACTIVATION** is controlled by a switch in the operator's station. The operator only needs to leave the seat to remove and replace the safety pin.

# EDGE®

With a wide variety of EDGE® attachments available, Mustang Compact Excavators are easily transformed to meet your customers' needs.

CHAIN AUGER



PLANETARY AUGER



BREAKER



RIPPER



BUCKET SLAB



CEMETARY BUCKET



COMPACTION PLATE



TILT BUCKET



COMPACTION WHEEL



DIRT BUCKET



DITCHING BUCKET



GRAPPLE



○ FACTORY-INSTALLED HYDRAULIC THUMB OPTION



Scan this code to learn more about EDGE® Compact Excavator attachments.

[ceattachments.com](http://ceattachments.com)