



# ST37X

**STAND-ON  
TRENCHER**



## FEATURES & BENEFITS

### INCREASED VERSATILITY

Ideal for creating footings on residential or commercial properties, the ST37X stand-on trencher can install drainage pipe or perform other trenching tasks.

### ENHANCED PRODUCTIVITY

Integrated digging system allows for more power to the attachment and increased productivity on footings and landscape jobs.

### ENGINEERED TO DELIVER

Equipped with a 37-hp (27.6 kW) Stage V Yanmar® diesel engine providing best-in-class power for all machine functions.

### MAXIMIZED PERFORMANCE

A multi-position trencher allows operators to trench directly next to the backer board.

### FAST AND EFFECTIVE

Trenches up to 16-in (41-cm) wide and 36-in (91-cm) deep, creating cleaner, more consistent footings than an excavator in less time.

### DURABLE BUILD

Construction-grade design allows for heavy-duty operation and a longer lifespan, which means increased contractor ROI.

# ST37X STAND-ON TRENCHER

## DIMENSIONS (STD)

	U.S.	METRIC
Overall height of machine	57 in	1450 mm
Overall length of machine, w/out chain	104.5 in	2654 mm
Overall length of machine, 36-in chain (L2)	130 in	3302 mm
Overall width of machine	42 in	1065 mm
Wheelbase/track length	43 in	1092 mm
Ground clearance, min, center/side	7.4/3.7 in	188/94 mm
Angle of departure (A2)	27°	
Angle of approach (A3)	30°	
Trench depth, max (A)	36 in	914 mm
Trench width, max (B)	16 in	406 mm
Digging chain	50K	
Machine width, excluding tracks	35 in	890 mm
Swing radius, front, 36-in chain	81 in	2057 mm
Swing radius, rear	44 in	1120 mm
Boom travel up (C1)	60°	
Boom travel down (C)	60°	
Headshaft height (F)	23 in	584 mm
Centerline trench to edge (E1)	4-20 in	102-508 mm
Centerline trench to edge (E2)	21-37 in	533-940 mm
Headshaft overhang (L)	18 in	457 mm

## POWER

Engine	Yanmar® 3TNV88C	
Fuel	Diesel	
Manufacturer's gross power rating (SAE J1995)	37 hp	27.6 kW
Emissions compliance	EPA Stage V	
Number of cylinders	3	
Displacement	100.1 in <sup>3</sup>	1.64 L
Bore	3.46 in	88 mm
Stroke	3.54 in	90 mm
*Tilt angle, max, fore and aft	30°	
*Tilt angle, max, side to side	30°	

\*Exceeding these operating angles will cause engine damage. This DOES NOT imply that the machine is stable to maximum angle of safe engine operation.

## PERFORMANCE

	U.S.	METRIC
Ground drive speed		
Forward/reverse	4.7 mph	7.6 km/h
Ground pressure		
9-in (230-mm) tracks	5.5 psi	0.38 bar
Machine weight (30-in boom, 12-in combo chain)	4,110 lb	1864 kg
Tilt		
Backward/forward/right/left	25° w/out tilting or sliding	

## HYDRAULIC SYSTEM

Auxiliary circuit		
Double gear pump		
Combined flow rate	13.9 gpm	52.7 l/min
Pressure	3,625 psi	250 bar
Chain speed	369 f/min	112 m/min
Dual hydrostatic ground drive pumps		
Flow rate	15 gpm	56.8 l/min
Pressure	3,625 psi	250 bar

## FLUID CAPACITIES

Fuel tank capacity	10.5 gal	40 L
Engine oil, w/filter	5 qt	4.7 L
Hydraulic reservoir capacity	9.2 gal	35 L

## BATTERY

SAE reserve capacity rating	110 min	
SAE cold crank @ 0°F (-18°C)	800 amps	
Electrical system	12V	

## NOISE LEVEL

Sound power	103 dBA	
Sound pressure at operator ear	89 dBA	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

