AX90

COMPACT EXCAVATOR

VERSATILE POWER. EASY SERVICE ACCESS.

3-YEAR / 3,000-HOUR LIMITED WARRANTY



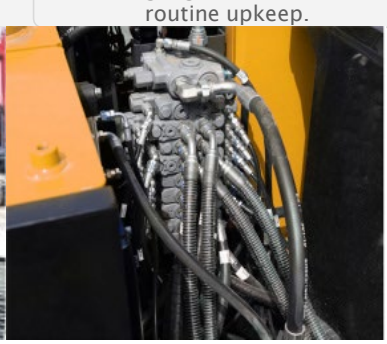
A versatile 18,000 lb excavator designed to reduce maintenance time while expanding jobsite productivity.

82.6	18,000 LB	137.9 IN	12,814 LBF
POWER (HP)	OPERATING WEIGHT	MAX DIGGING DEPTH	BUCKET FORCE

PRODUCT HIGHLIGHTS

1. **YANMAR 4TNV98L ENGINE**
   Four-cylinder diesel power supports efficient, reliable operation.
2. **GROUND-LEVEL SERVICE**
   Accessible service points, gauges and filtration simplify routine upkeep.
3. **ATTACHMENT READY**
   Hydraulic tools, buckets and grapples expand the machine's application range.







Pile hammer



Crushing pliers



Double cylinder hydraulic shears

Specifications are subject to change without notice. Images may show optional configurations.

TECHNICAL SPECIFICATIONS

18,000 LB	137.9 IN	12,814
OPERATING WEIGHT	MAX DIGGING DEPTH	BUCKET FORCE (LBF)

ENGINE

Engine Brand / Model		Yanmar 4TNV98L
Rated / Maximum Power	hp	60.3 / 82.6
Maximum Speed	rpm	2,100
Displacement	gal	0.88
Number of Cylinders		4

OPERATING SPECIFICATIONS

Travel Speed Low / High	mph	1.6 / 2.7
Tail Turning Radius	in	70.9
Minimum Ground Clearance	in	14.4
Theoretical Fuel Consumption	gph	2.67

DIGGING PERFORMANCE

Bucket Digging Force	lbf	12,814
Arm Digging Force	lbf	8,768

WORKING RANGE

Maximum Digging Depth	in	137.9
Maximum Digging Height	in	250.9
Maximum Unloading Height	in	207
Bucket Width	in	23.6
Boom Length	in	146.5
Stick Length	in	65.8

TRANSPORT DIMENSIONS

Transport Length	in	242
Transport Width	in	88.3
Transport Height	in	104.8

OPERATING WEIGHT

Operating Weight	lb	18,000

DETAILS

DIMENSIONS & SUPPORT

Backfill Blade Width	in	86.7
Cooling Method		Water cooled
Engine Oil Change Amount	gal	1.8
Fuel Type		Diesel
Fuel Grade		0/-10
Rate Set Pressure	psi	3,263.3
Travel Hydraulic Motor		TM07
Travel Motor Displacement	in3	2.6

HYDRAULIC & DRIVE

Main Pump Type / Brand		HYTEK
Main Pump Maximum Flow	gpm	44.9
Multi-Way Valve		8-way hydraulic valve
Rated / Maximum Pressure	psi	3,263.3 / 3,625.5
Travel Motor / Displacement		TM07 / 2.6 in3

Specifications are subject to change without notice. Images may show optional configurations.