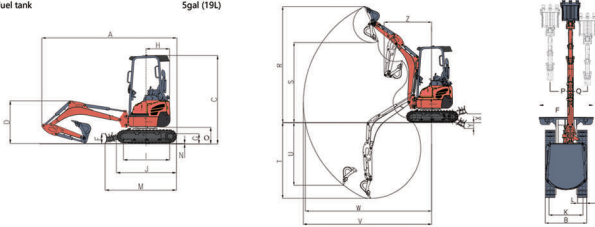


Specifications

Operating Weight (Canopy/Cab)	3990lb (1810kg) / 4409lb (2000kg)
Ground Contact Pressure (Canopy/Cab)	4.1psi (0.29kgf/cm ²) / 4.5psi (0.32kgf/cm ²)
Engine Model	Yanmar 3TNV74F
Output	15.4hp (11.5kW) / 2400 rpm
Displacement	61cu.in (0.99 L)
Hydraulic System Main pump	NACHI
Pump capacity	11.9gpm (45L/min)
Auxiliary hydraulic flow	7.5gpm (28.4l/min)
Travel Motor	NACHI
Travel speed	1.2/2.3mph (1.9/3.7km/h)
Swing motor	EATON
swing speed	9rpm
Control valve	Nabtesco
Fuel tank	5gal (19L)



Overall Length	A 147in (3575mm)	Grouser Height	N 0.65in (16.5mm)
Overall Width	B 39/50.4in (990/1280mm)	Ground Clearance of Counter Weight	O 17.2in (438mm)
Overall Height	C 92.5in (2347mm)	Swing System Offset Left	P 18.9in (481mm)
Working Device Height	D 44in (1120mm)	Swing System Offset Right	Q 15.8in (402mm)
Dozer Blade Height	E 10.2in (258mm)	Max. Digging Height	R 139in (3540mm)
Dozer Blade Width	F 39/50.4in (990/1280mm)	Max. Dumping Height	S 96in (2440mm)
Min. Ground Clearance	G 5.9in (150mm)	Max. Digging Depth	T 91in (2310mm)
Min. Tail Turning Radius	H 25in (640mm)	Max. vertical Digging Depth	U 75in (1910mm)
Tumbler Distance	I 48.4in (1230mm)	Max. Digging Radius	V 154in (3905mm)
Crawler Length	J 63in (1593mm)	Max. Digging Radius, At Ground Level	W 151in (3845mm)
Track Gauge	K 30/41.3in (760/1050mm)	Dozer Blade Max. lift Above Ground	X 10.5in (266mm)
Shoe Width	L 9.1in (230mm)	Dozer Blade Max. Drop Below Ground	Y 7in (176mm)
Ground Length	M 74.6in (1895mm)	Min. Turning Radius	Z 57in (1443mm)

ARCPATH



AX-18 EXCAVATOR

Rated Power	15.4hp (11.5kW)@2400rpm
Operating Weight	3990lb / 4409lb



AX-18 EXCAVATOR

ARCPATH

Reliability is non-negotiable for us, and the AX-18 featuring its tailless design is no exception. Trusted by professional companies and occasional users alike, this machine is built with key components sourced from the world's top premium brands. From the Yanmar Tier 4 engine to the NACHI hydraulic system and travel motor, every element is meticulously chosen for optimal reliability, durability, and enhanced performance.

Engine



Powered by the YANMAR Tier IV engine, the AX-18 delivers an impressive 11.5kW of rated power. Designed for peak reliability, it reduces vibration and ensures lasting durability. Effortlessly handling the toughest jobs, it's a powerhouse of efficiency and strength.

Easy maintenance



The AX-18 is designed for ease of maintenance, featuring wide-open panels for quick access to key components. Essential service points including the engine oil, starter motor, alternator, air filter, fuel and hydraulic tanks, and the main control valve are all conveniently within reach, simplifying upkeep and ensuring efficient operation.



Enhanced Protection for Chassis Travel Motor Pipelines

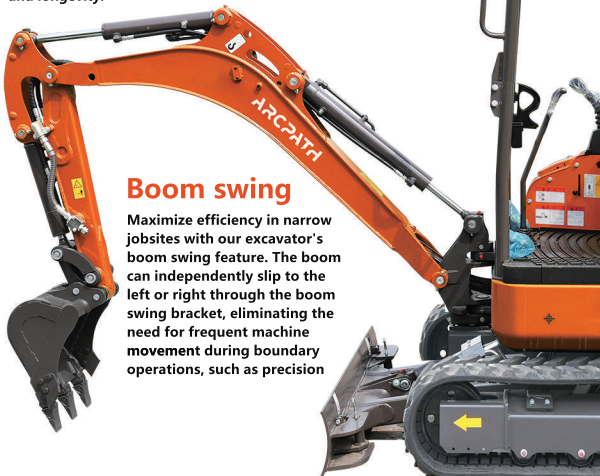
The AX-18 features travel motor hoses enclosed within the track frame, a design choice that significantly cuts repair costs and boosts durability, showcasing our commitment to thoughtful engineering and long-term value.

Load sensing hydraulic system

Our cutting-edge technology precisely matches hydraulic power to task demands, optimizing performance while saving energy for efficient and effective operation.

Reinforced Boom Construction: Superior Strength and Extended Lifespan

Our excavator's boom is engineered with a high-strength, box-hollow structure and a cast steel frame, using advanced robotic welding for superior strength. Key components, including the arm and bucket, are reinforced with NM400 anti-wear steel, extending service life by an estimated 30%, ensuring unparalleled reliability and longevity.



Boom swing

Maximize efficiency in narrow jobsites with our excavator's boom swing feature. The boom can independently slip to the left or right through the boom swing bracket, eliminating the need for frequent machine movement during boundary operations, such as precision



Tailless Design for Narrow Jobsites

Tailless design delivers a remarkable turning radius of only 25.2 in, making it exceptionally well-suited for work in narrow jobsites. Enhanced adaptability is achieved through features like the telescopic chassis, width-adjustable dozer blade, providing the machine with excellent crossing ability.

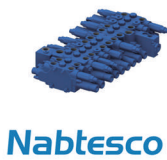
AX-18 Cab

AX-18



Attachments

Beyond standard features, our machine supports a range of attachments like grading and trenching buckets, hammers, rippers, clamps, augers, and quick couplers. Each is crafted to boost operational efficiency, offering a complete solution for diverse tasks.



AX-18 EXCAVATOR

