

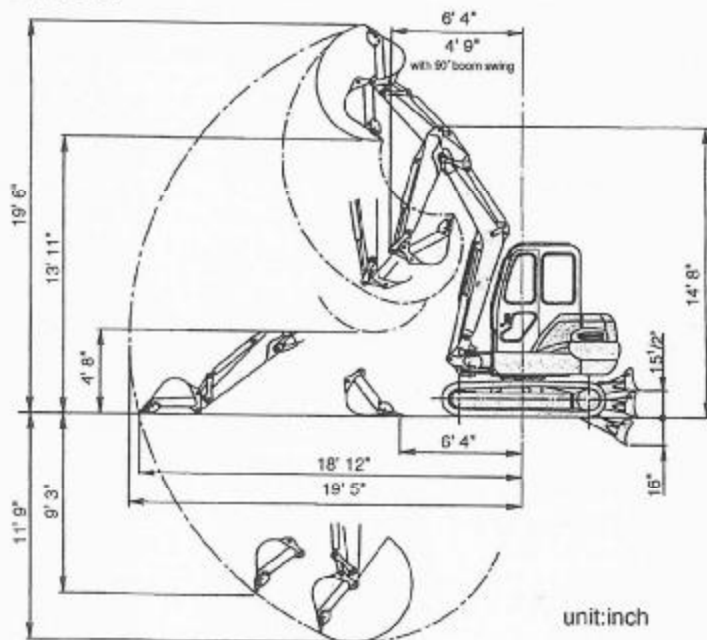
# COMPACT EXCAVATOR

# AX45-2

With AHCS .2 +  
(Airman's New Hydraulic Circuit System)  
Hydraulic Pilot System

## WORKING RANGE

### 45.2



## OPTION

- Narrow Bucket : 18" wide (capacity 3.53cu.ft)  
: 20" wide (capacity 3.88cu.ft)  
: 24" wide (capacity 4.94cu.ft)  
Wide Bucket : 28" wide (capacity 6.0cu.ft)  
Long Arm : 6' 8" (STD Arm 4' 11")  
Wide Steel Shoe : 21<sup>3</sup>/<sub>4</sub>" wide  
Steel Triangle Shoe : 15<sup>3</sup>/<sub>4</sub>" wide

## SPECIFICATION

MODEL NAME		AX45-2			
Type of shoe		rubber		steel	
Type of roof		canopy	cabin	canopy	cabin
Operating weight	lbs	9,422.1	9,973.1	9,862.9	10,193.5
Bucket capacity	cu.ft	5.65			
Bucket width	in	25 <sup>1</sup> / <sub>2</sub> "			
<b>● Diesel Engine</b>					
Model		KUBOTA V2203			
Type		watercooled 4 cycle 4 cylinder swirl chamber type			
Piston displacement	cu.in	134.0			
Rated output	HP/kw	35.5 / 2,100			
<b>● Hydraulic Devices</b>					
Main pump (oil flow)	(gpm)	variable capacity piston type(11.64×2)			
Pilot pump		gear type×1			
Main relief set pressure	psi	3,143.8			
Swing motor		piston type×1			
Travel motor		variable capacity piston type×2			
<b>● Working Range</b>					
Max. digging depth	in	11' 9"		11' 10"	
Max. vertical digging depth	in	9' 8"		9' 4"	
Max. digging height	in	19' 6"		19' 5"	
Max. dumping height	in	14'		13' 11"	
Max. digging radius	in	19' 5"			
Max. digging radius at ground	in	19'			
Boom swing angle (Left/Right) degree		90/50	80/50	90/50	80/50
Front min. swing radius	in	6' 4"			
Front min. swing radius at boom swing	in	4' 9"	5' 1"	4' 9"	5' 1"
Rear swing radius	in	4' 8"			
<b>● Max. Digging Force</b>					
Bucket	lbs	8,243.0			
Arm	lbs	5,686.3			
<b>● Speed</b>					
Travel speed	mph	2.81/1.75		2.63/1.63	
Swing speed	rpm	10.0			
Gradeability degree		30 (58%)			
<b>● Undercarriage</b>					
Shoe width	in	1' 4"			
Ground pressure	psi	3.72	3.86	3.72	3.86
Parking brake		Hydraulic			
Ground clearance	in	14 <sup>1</sup> / <sub>4</sub> "		13 <sup>3</sup> / <sub>4</sub> "	
<b>● Dimensions for Transportation</b>					
Overall Length	in	18' 3"			
Overall Width	in	6' 1"			
Overall Height	in	8' 3"	8' 6"	8' 3"	8' 6"
<b>● Dozer Blade</b>					
Dimensions (Width×Height)	in	6' 3"×1' 3"			
Lift (Upper/Lower from ground)	in	15 <sup>1</sup> / <sub>2</sub> " / 16"		15" / 16 <sup>3</sup> / <sub>4</sub> "	
<b>● Service Refill Capacities</b>					
Fuel Tank	gal	13.25			
Hydraulic Tank	gal	13.3 TANK CAPACITY ONLY			
Engine Oil	QTS	7.5			
Engine Coolant	QTS	6			