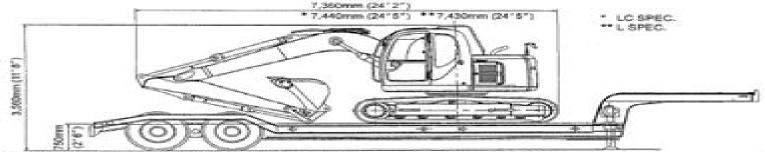
#### 4. TRANSPORTATION DIMENSION AND WEIGHT

#### SK135SR(LC)-1ES SK135SRL-1ES

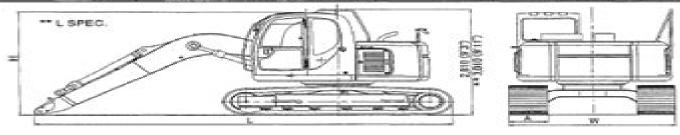
#### OVERALL DIMENSIONS OF A STD COMPLETE MACHINE ON A TRAILER

ltem Model		SK135SR-1ES SK135SRLC-1ES		SK135SRL-1ES	
Shoe & Width mm(ft-in)		600mm (24"	800mm (32") 2,790 (9"2")		
Weight	kg(lbs)	13,700 (30,200)	13,900 (30,600)	16,000 (35,300)	



#### OVERALL DIMENSIONS OF WITHOUT ARM AND BUCKET

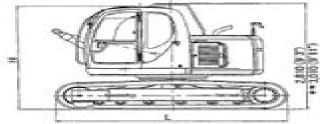
Combination	Type	A : Shoe width mm (ft-in)	L : Length mm (ft-in)	H : Height mm (ft-in)	W : Width mm (ft-in)	Weight kg (lbs)
	STD	600 (24")	6,510 (21 4")	2,740 (6 12 )	2,590 (8' 6")	12,720 (28,000)
Without Arm and Bucket	LC	600 (24")	6,590 (21 7")	2,940 (9'8")	2,840 (9" 4")	12,920 (28,500)
Airi and Docker	L	800 (32")	6,520 (21 9")		1	14,920 (32,900)



#### OVERALL DIMENSIONS OF WITHOUT BOOM, ARM AND BUCKET

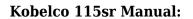
Combination	Туре	A : Shoe width mm (ft-in)	L : Length mm (ft-in)	H : Height mm (ft-in)	W : Width mm (ft-in)	Weight kg (lbs)
	STD	600 (24")	3,570 (11 9")	2,740 (8' 12")	2,590 (8' 6")	11,780 (26,000)
Without Arm and Bucket	LC	600 (24")	3,740 (12'3")	2,940 (9' 8")	2,840 (9' 4")	11,980 (26,400)
Arm and Bucket	L	800 (32")	3,800 (12 6")	1	1	13,980 (30,800)





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is composed of two buncher cavities beam extraction magnet and quadrupole doublet 1 *lecture2 magnet design fermilab -* Apr 11 2023

web definition of beam optics beam optics the process of guiding a charged particle beam from to b using magnets an array of magnets which accomplishes this is a transport system or magnetic lattice recall the lorentz force on a particle f ma e c e v b mv2  $\rho$  where m  $\gamma$ m 0 relativistic mass

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