

9010C

Walking dragline - AC drive General specifications



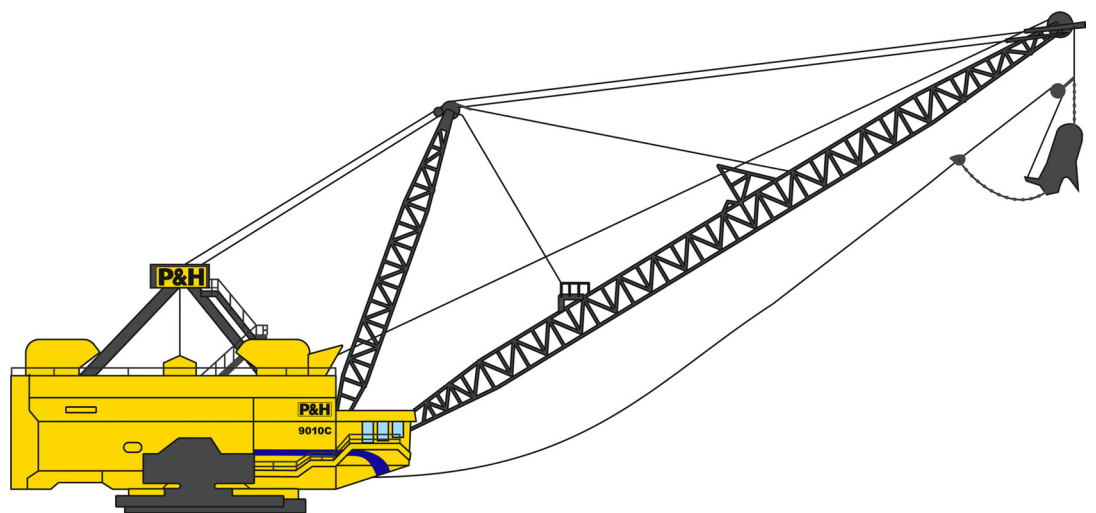
Reliability



Maintenance



Performance



Boom length range

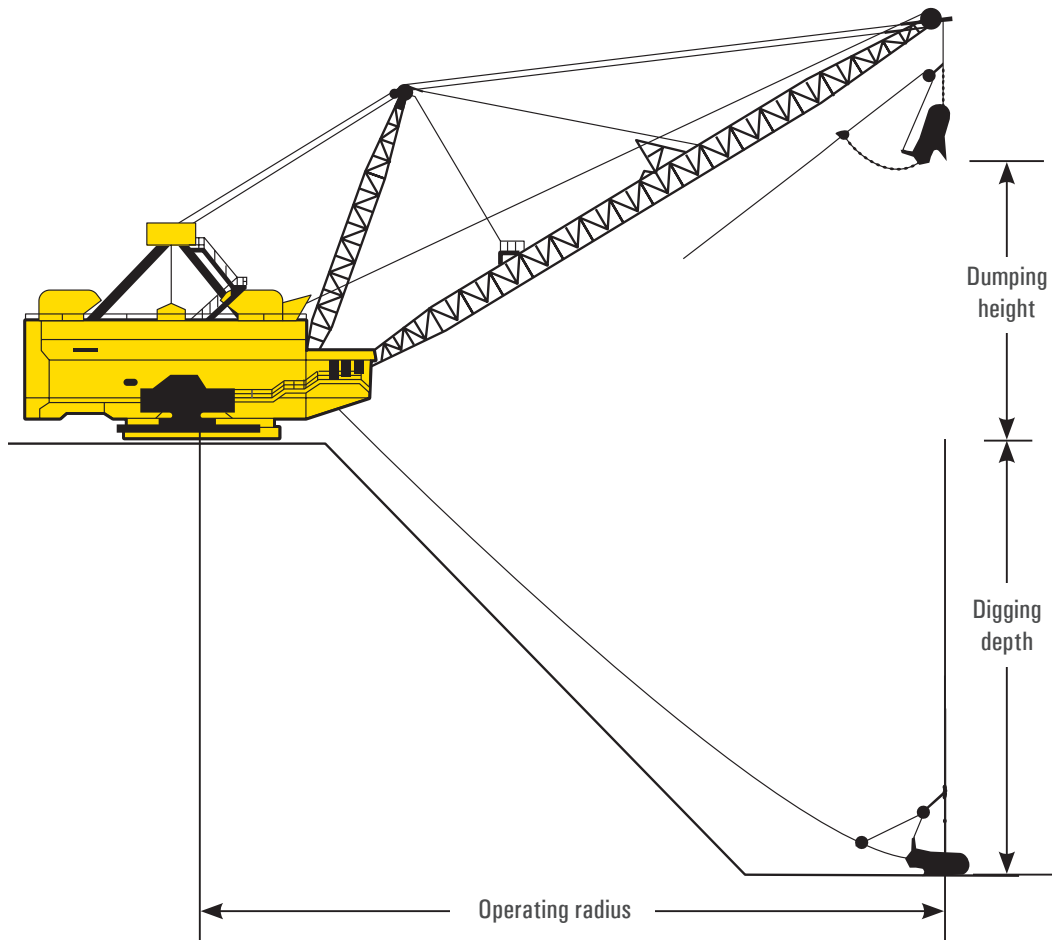
300-405 ft. / 80-105 m.

Bucket capacity range

55-80 yd³ / 42-60 m³.



Note: Draglines can be customized to fit customer needs. Specifications can vary based on the specific customization. Contact your local Komatsu dealer to discuss your specific requirements.



Typical 30° boom setting configurations
other angle settings available as required

Bucket capacity at 5000 lbs./cu. yd.	75 cu. yd.	75 cu. yd.	70 cu. yd.	70 cu. yd.	65 cu. yd.	60 cu. yd.	55 cu. yd.	50 cu. yd.	
	57 cu. m.	57 cu. m.	54 cu. m.	54 cu. m.	50 cu. m.	46 cu. m.	42 cu. m.	38 cu. m.	
Hoisting capacity	x 1000	375 lbs.	375 lbs.	350 lbs.	350 lbs.	325 lbs.	300 lbs.	275 lbs.	250 lbs.
	x 1000	170 kg.	170 kg.	159 kg.	159 kg.	147 kg.	136 kg.	125 kg.	113 kg.
Length of boom		328 ft.	298 ft.	336 ft.	312 ft.	321 ft.	333 ft.	340 ft.	350 ft.
		100 m.	90.8 m.	102.4 m.	95.1 m.	97.8 m.	101.5 m.	103.6 m.	106.7 m.
Operating radius		326 ft.	300 ft.	333 ft.	312 ft.	320 ft.	330 ft.	336 ft.	345 ft.
		99.4 m.	91.4 m.	101.5 m.	95.1 m.	97.5 m.	100.6 m.	102.4 m.	105.2 m.
Maximum dumping height		117 ft.	102 ft.	122 ft.	110 ft.	116 ft.	124 ft.	129 ft.	135 ft.
		35.7 m.	31.1 m.	37.2 m.	33.5 m.	35.4 m.	37.8 m.	39.3 m.	41.1 m.
Maximum digging depth		225 ft.	199 ft.	234 ft.	213 ft.	222 ft.	234 ft.	241 ft.	251 ft.
		68.6 m.	60.7 m.	71.3 m.	64.9 m.	67.7 m.	71.3 m.	73.5 m.	76.5 m.
Width across shoes		90.3 ft.	90.3 ft.	90.3 ft.	90.3 ft.	90.3 ft.	90.3 ft.	90.3 ft.	90.3 ft.
		27.5 m.	27.5 m.	27.5 m.	27.5 m.	27.5 m.	27.5 m.	27.5 m.	27.5 m.
Tail swing clearance		71 ft.	71 ft.	71 ft.	71 ft.	71 ft.	71 ft.	71 ft.	71 ft.
		21.6 m.	21.6 m.	21.6 m.	21.6 m.	21.6 m.	21.6 m.	21.6 m.	21.6 m.
Rope diameters (twin)		3.75 in.	3.75 in.	3.75 in.	3.75 in.	3.75 in.	3.5 in.	3.5 in.	3.25 in.
		95.3 mm.	95.3 mm.	95.3 mm.	95.3 mm.	95.3 mm.	88.9 mm.	88.9 mm.	82.6 mm.
Pitch diameter of drums		98 in.	98 in.	98 in.	98 in.	98 in.	98 in.	98 in.	98 in.
		2490 mm.	2490 mm.	2490 mm.	2490 mm.	2490 mm.	2490 mm.	2490 mm.	2490 mm.

Horsepower configuration (HP@690 V.A.C.)

Swing motors	4x1150	4x1150	4x1150	4x1150	4x1150	4x1150	4x1150	4x1150
Hoist motors	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430
Drag motors	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430	4x1430
Walk motors	2x1150	2x1150	2x1150	2x1150	2x1150	2x1150	2x1150	2x1150

Weights

Net weight	x 1000	7941 lbs.	7642 lbs.	7935 lbs.	7638 lbs.	7634 lbs.	7163 lbs.	7158 lbs.	7155 lbs.
	x 1000	3602 kg.	3467 kg.	3599 kg.	3466 kg.	3464 kg.	3250 kg.	3248 kg.	3246 kg.
Counterweight	x 1000	1000 lbs.	895 lbs.	1000 lbs.	900 lbs.	905 lbs.	860 lbs.	885 lbs.	900 lbs.
	x 1000	454 kg.	406 kg.	454 kg.	408 kg.	411 kg.	390 kg.	401 kg.	408 kg.
Working weight	x 1000	8941 lbs.	8537 lbs.	8935 lbs.	8538 lbs.	8539 lbs.	8023 lbs.	8043 lbs.	8055 lbs.
	x 1000	4056 kg.	3873 kg.	4053 kg.	3874 kg.	3874 kg.	3640 kg.	3649 kg.	3655 kg.
Standard tub diameter		61.5 ft.	61.5 ft.	61.5 ft.	61.5 ft.	61.5 ft.	61.5 ft.	61.5 ft.	61.5 ft.
		18.7 m.	18.7 m.	18.7 m.	18.7 m.	18.7 m.	18.7 m.	18.7 m.	18.7 m.
Approximate tub ground pressure		20.9 psi.	20 psi.	20.9 psi.	20 psi.	20 psi.	18.7 psi.	18.8 psi.	18.8 psi.
		144 KPa.	138 KPa.	144 KPa.	138 KPa.	138 KPa.	129 KPa.	130 KPa.	130 KPa.
Standard shoe size (width x length)		11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.	11.5x54.5 ft.
		3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.	3.5x16.6 m.
Approximate shoe ground pressure**		44.6 psi.	42.6 psi.	44.6 psi.	42.6 psi.	42.6 psi.	40 psi.	40.1 psi.	40.2 psi.
		308 KPa.	294 KPa.	308 KPa.	294 KPa.	294 KPa.	276 KPa.	276 KPa.	277 KPa.

**at 90% working weight

General specifications

Clearance under shoes	2' 3"
	686 m.
Distance from center pin to boom foot	36' 11"
	11.3 m.
Height of boom foot	13' 3"
	3.37 m.
Normal length of step	7' 2"
	2.2 m.
Pitch diameter of point sheave	120"
	3048 mm.
Diameter of rail circle	57' 0"
	17.4 m.
Rail width	14"
	356 mm.
Quantity and diameter of rollers	131 x 14"
	356 mm.
Pitch diameter of swing rack	52' 3.1875"
	15.9 m.
Maximum working clearance between tub and revolving frame	6' 8"
	2.0 m.

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