

## 9020C

### Walking dragline - AC drive General specifications



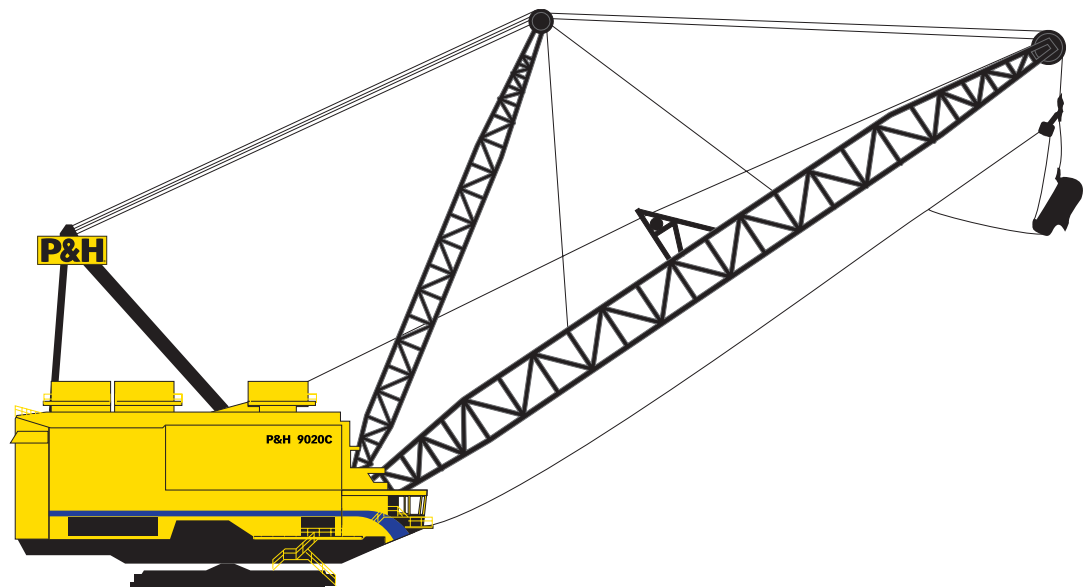
Reliability



Maintenance



Performance



---

#### Boom length range

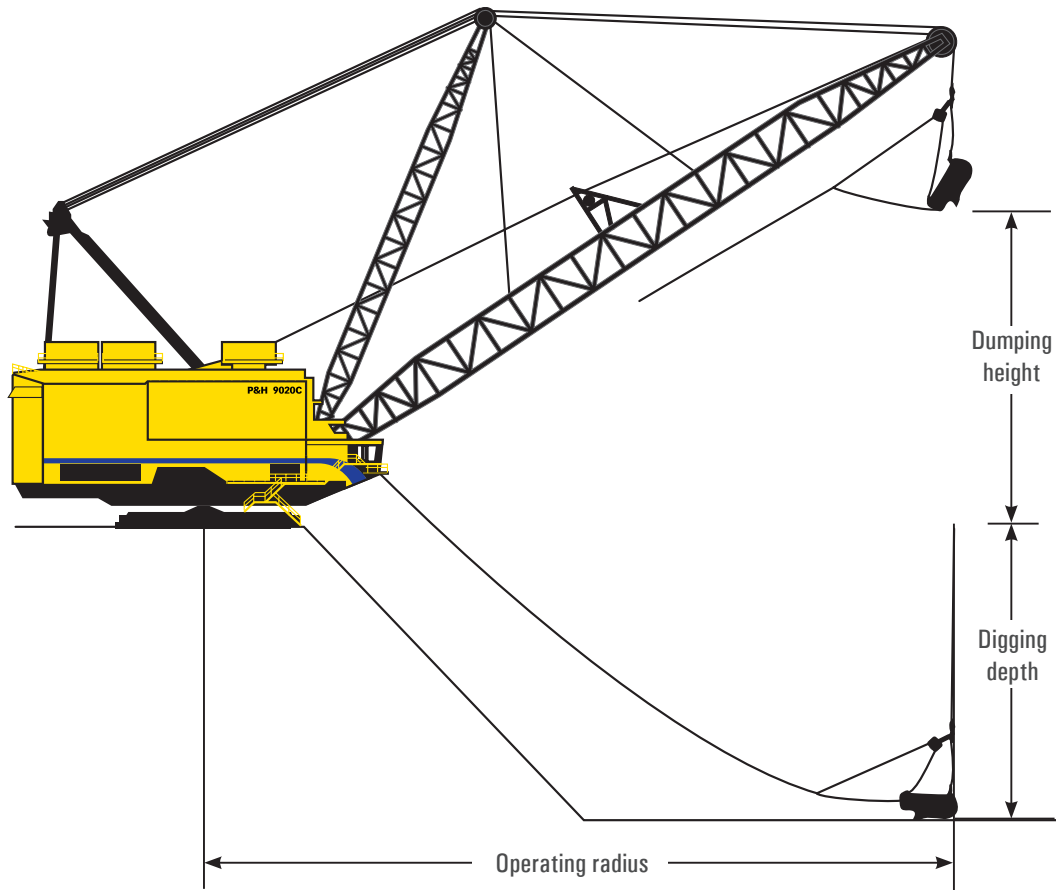
300-405 ft. / 90-125 m.

#### Bucket capacity range

5-117 yd<sup>3</sup> / 55-93 m<sup>3</sup>.



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 38° boom setting configurations**  
other angle settings available as required

Bucket capacity at 5000 lbs./cu. yd.	75 cu. yd.	82 cu. yd.	95 cu. yd.	103 cu. yd.	113 cu. yd.	116 cu. yd.	
	57 cu. m.	63 cu. m.	72 cu. m.	78 cu. m.	86 cu. m.	89 cu. m.	
Hoisting capacity	x 1000	377 lbs.	412 lbs.	474 lbs.	518 lbs.	564 lbs.	582 lbs.
	x 1000	171 kg.	187 kg.	215 kg.	235 kg.	256 kg.	264 kg.
Length of boom	405 ft.	390 ft.	360 ft.	340 ft.	320 ft.	290 ft.	
	123.4 m.	118.9 m.	109.7 m.	103.6 m.	97.5 m.	88.4 m.	
Operating radius	364 ft.	352 ft.	328 ft.	313 ft.	297 ft.	274 ft.	
	111.1 m.	107.3 m.	100 m.	95.4 m.	90.7 m.	83.5 m.	
Maximum dumping height	205 ft.	194 ft.	173 ft.	158 ft.	144 ft.	125 ft.	
	62.4 m.	59.1 m.	52.7 m.	48.1 m.	44 m.	38.2 m.	
Maximum digging depth	267 ft.	254 ft.	228 ft.	212 ft.	195 ft.	171 ft.	
	81.4 m.	77.4 m.	69.5 m.	64.6 m.	59.4 m.	52.1 m.	
Width across shoes	107 ft.	107 ft.	107 ft.	107 ft.	107 ft.	107 ft.	
	32.6 m.	32.6 m.	32.6v	32.6 m.	32.6 m.	32.6 m.	
Tail swing clearance	80 ft.	80 ft.	80 ft.	80 ft.	80 ft.	80 ft.	
	24.4 m.	24.4 m.	24.4 m.	24.4 m.	24.4 m.	24.4 m.	
Rope diameters (twin)	3.75 in.	3.75 in.	4.375 in.	4.375 in.	4.75 in.	4.75 in.	
	95 mm.	95 mm.	111 mm.	111 mm.	121 mm.	121 mm.	
Pitch diameter of drums	112.5 in.	112.5 in.	112.5 in.	112.5 in.	112.5 in.	112.5 in.	
	2858 mm.	2858 mm.	2858 mm.	2858 mm.	2858 mm.	2858 mm.	

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

Swing motors	6 x 1600	6 x 1600	6 x 1600	6 x 1600	6 x 1600	6 x 1600
Hoist motors	6 x 1700	6 x 1700	6 x 1700	6 x 1700	6 x 1700	6 x 1700
Drag motors	6 x 1700	6 x 1700	6 x 1700	6 x 1700	6 x 1700	6 x 1700
Walk motors	2 x 1600	2 x 1600	2 x 1600	2 x 1600	2 x 1600	2 x 1600

### Weights

Net weight	x 1000	12472 lbs.	12474 lbs.	12476 lbs.	12465 lbs.	12435 lbs.	12374 lbs.
	x 1000	5657 kg.	5658 kg.	5659 kg.	5654 kg.	5640 kg.	5613 kg.
Counterweight	x 1000	707 lbs.	709 lbs.	639 lbs.	571 lbs.	458 lbs.	128 lbs.
	x 1000	321 kg.	322 kg.	290 kg.	259 kg.	208 kg.	58 kg.
Working weight	x 1000	13179 lbs.	13183 lbs.	13115 lbs.	13036 lbs.	12893 lbs.	12502 lbs.
	x 1000	5978 kg.	5980 kg.	5949 kg.	5913 kg.	5848 kg.	5467 kg.
Standard tub diameter		73 ft.	73 ft.	73 ft.	73 ft.	73 ft.	73 ft.
		22.3 m.	22.3 m.	22.3 m.	22.3 m.	22.3 m.	22.3 m.
Approximate tub ground pressure		21.9 psi.	21.9 psi.	21.8 psi.	21.6 psi.	21.4 psi.	20.7 psi.
		151 KPa.	151 KPa.	150 KPa.	149 KPa.	148 KPa.	143 KPa.
Standard shoe size (width x length)		17 x 70 ft.	17 x 70 ft.	17 x 70 ft.	17 x 70 ft.	17 x 70 ft.	17 x 70 ft.
		5.2 x 21.3 m.	5.2 x 21.3 m.	5.2 x 21.3 m.	5.2 x 21.3 m.	5.2 x 21.3 m.	5.2 x 21.3 m.
Approximate shoe ground pressure**		34.6 psi.	34.6 psi.	34.4 psi.	34.2 psi.	33.9 psi.	32.8 psi.
		239 KPa.	239 KPa.	237 KPa.	236 KPa.	234 KPa.	226 KPa.

\*\*at 90% working weight

### General specifications

Clearance under shoes	1' 11"
	585 m.
Distance from center pin to boom foot	40' 0"
	12.2 m.
Height of boom foot	16' 2"
	4.9 m.
Normal length of step	7' 0"
	2.3 m.
Pitch diameter of point sheave	136"
	3454 mm.
Diameter of rail circle	64' 0"
	19.5 m.
Rail width	14"
	356 mm.
Quantity and diameter of rollers	141 x 14"
	356 mm.
Pitch diameter of swing rack	58' 9"
	17.9 m.
Maximum working clearance between tub and revolving frame	6' 8"
	2.0 m.

Product designs, specifications and/or data in this document are provided for informational purposes only and are not warranties of any kind. Product designs and/or specifications may be changed at any time without notice. The only warranties that apply to sales of products and services are Komatsu's standard written warranties, which will be furnished upon request.

Komatsu and other trademarks and service marks used herein are the property of Komatsu Ltd., Komatsu America Corp., Komatsu Mining Corp., or one of their affiliates, or the respective owners or licensees.

© 2020 Komatsu Mining Corp. All rights reserved.

EN-9020CSpec01-1020-V1



**KOMATSU**

**mining.komatsu**