

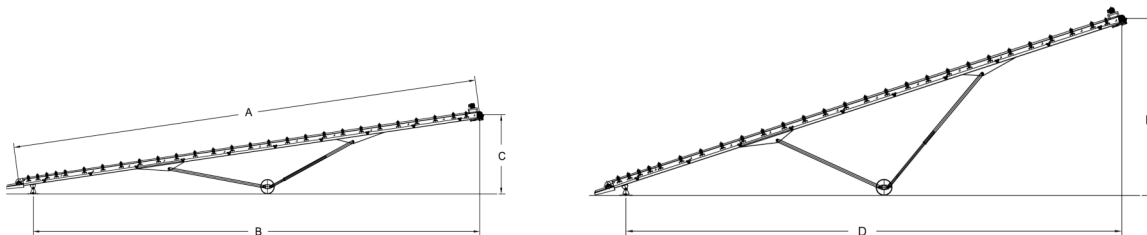
# TECHNICAL SPECIFICATIONS

REGULAR DUTY Pit Portable Radial Stacker

## REGULAR DUTY – DRIVE, BELTING & PULLEY SPECIFICATIONS

Model	Motor	Reducer	Belting	Belt Speed	Head Pulley	Tail Pulley
P55-30-400-R	15 hp	TA3203	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P55-30-600-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P80-30-400-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P80-30-750-R	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P100-30-360-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P100-30-650-R	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P55-36-400-R	15 hp	TA3202	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P55-36-600-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P80-36-400-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P80-36-750-R	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"
P100-36-360-R	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P100-36-650-R	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"

## REGULAR DUTY – CONVEYOR DIMENSIONS



Model	A	B	C	D	E
P55 Series	55'	52'	12'	50' - 3"	18' - 8"
P80 Series	80'	79' - 2"	13'	76' - 1"	26' - 2"
P100 Series	100'	97' - 6"	14' - 8"	93' - 2"	32' - 11"

## REGULAR DUTY – STOCKPILE CAPACITIES

Model	45°	90°	180°	270°
P55 Series	21,662 ft <sup>3</sup>	36,051 ft <sup>3</sup>	64,828 ft <sup>3</sup>	93,605 ft <sup>3</sup>
	1,083 Tons	1,803 Tons	3,241 Tons	4,680 Tons
P80 Series	68,524 ft <sup>3</sup>	114,020 ft <sup>3</sup>	205,012 ft <sup>3</sup>	296,004 ft <sup>3</sup>
	3,426 Tons	5,701 Tons	10,251 Tons	14,800 Tons
P100 Series	132,222 ft <sup>3</sup>	218,952 ft <sup>3</sup>	392,413 ft <sup>3</sup>	565,873 ft <sup>3</sup>
	6,611 Tons	10,948 Tons	19,621 Tons	28,294 Tons

\* Capacity calculations are based on 100lbs/ft<sup>3</sup> with 37° angle of repose.

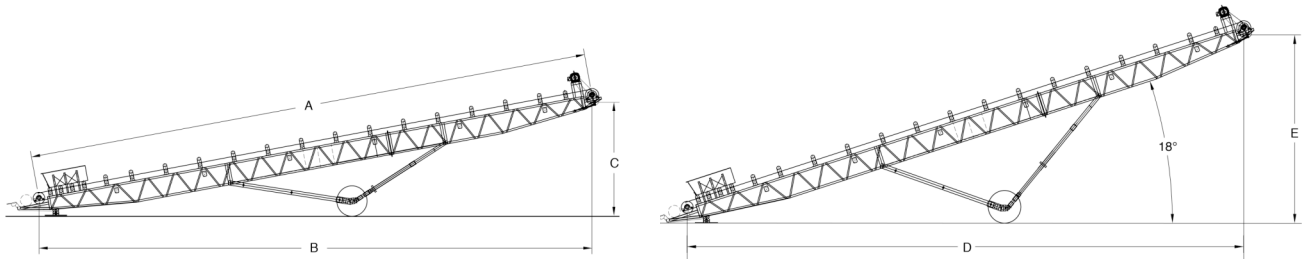
# TECHNICAL SPECIFICATIONS

HEAVY DUTY Pit Portable Radial Stacker

## HEAVY DUTY – DRIVE, BELTING & PULLEY SPECIFICATIONS

Model	Motor	Reducer	Belting	Belt Speed	Head Pulley	Tail Pulley
P55-30-400-H	15 hp	TA3203	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P55-30-600-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P80-30-400-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P80-30-750-H	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P100-30-360-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x32", ½" Diamond Lag.	Ø14"x32"
P100-30-650-H	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P100-30-880-H	(2) 20 hp	(2) TA4207	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P120-30-400-H	25 hp	TA4207	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P120-30-750-H	(2) 20 hp	(2) TA4207	Goodyear 330PIW	480 fpm	Ø18"x32", ½" Diamond Lag.	Ø16"x32"
P55-36-400-H	15 hp	TA3202	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P55-36-600-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P80-36-400-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P80-36-750-H	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"
P100-36-360-H	(2) 10 hp	(2) TA2115	Goodyear 330PIW	480 fpm	Ø16"x38", ½" Diamond Lag.	Ø14"x38"
P100-36-650-H	(2) 15 hp	(2) TA3203	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"
P100-36-880-H	(2) 20 hp	(2) TA4207	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"
P120-36-400-H	25 hp	TA4207	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"
P120-36-750-H	(2) 20 hp	(2) TA4207	Goodyear 330PIW	480 fpm	Ø18"x38", ½" Diamond Lag.	Ø16"x38"

## HEAVY DUTY – CONVEYOR DIMENSIONS



Model	A	B	C	D	E
P55 Series	55'	52'	12'	50' - 3"	18' - 8"
P80 Series	80'	79' - 2"	13'	76' - 1"	26' - 2"
P100 Series	100'	97' - 6"	14' - 6"	93' - 2"	32' - 11"
P120 Series	120'	118'	15'	112' - 6"	39'

## HEAVY DUTY – STOCKPILE CAPACITIES

Model	45°	90°	180°	270°
P55 Series	21,662 ft <sup>3</sup>	36,051 ft <sup>3</sup>	64,828 ft <sup>3</sup>	93,605 ft <sup>3</sup>
	1,083 Tons	1,803 Tons	3,241 Tons	4,680 Tons
P80 Series	68,524 ft <sup>3</sup>	114,020 ft <sup>3</sup>	205,012 ft <sup>3</sup>	296,004 ft <sup>3</sup>
	3,426 Tons	5,701 Tons	10,251 Tons	14,800 Tons
P100 Series	132,222 ft <sup>3</sup>	218,952 ft <sup>3</sup>	392,413 ft <sup>3</sup>	565,873 ft <sup>3</sup>
	6,611 Tons	10,948 Tons	19,621 Tons	28,294 Tons
P120 Series	244,892 ft <sup>3</sup>	403,742 ft <sup>3</sup>	721,442 ft <sup>3</sup>	1,039,142 ft <sup>3</sup>
	12,245 Tons	20,187 Tons	36,072 Tons	51,957 Tons

\* Capacity calculations are based on 100lbs/ft<sup>3</sup> with 37° angle of repose.