

Doonan Mechanical Detachable (RGN) Double Drop "Package" Specifications

Specifications		60,000	70,000	80,000	90,000	100,000
S T R U C T U R E	Model Number	482QBBICOFGB	482QBBICOGCB	482QBCICNGCB	482QBCICNHCB	482QBEICMHCB
	Beam Rating	60,000 lbs in 16 feet	70,000 lbs in 16 feet	80,000 lbs in 16 feet	90,000 lbs in 16 feet	100,000 lbs in 16 feet
	Overall Length	48' 0"	48' 0"	48' 0"	48' 0"	48' 0"
	Top Deck Length	10' 0"	10' 0"	10' 0"	10' 0"	10' 0"
	Main Deck Length	29' 0"	29' 0"	29' 0"	29' 0"	29' 0"
	Rear Deck Length	9' 0"	9' 0"	9' 0"	9' 0"	9' 0"
	Width	102 inches	102 inches	102 inches	102 inches	102 inches
	Flange - Inner Beam	5/8" x 7" minimum 130k grade material	3/4" x 7" minimum 130k grade material	3/4" x 7" minimum 130k grade material	1" x 7" minimum 130k grade material	1" x 7" minimum 130k grade material
	Flange - Outer Beam	1/2" x 6" minimum 130k grade material	1/2" x 6" minimum 130k grade material	1/2" x 6" minimum 130k grade material	1/2" x 6" minimum 130k grade material	1/2" x 6" minimum 130k grade material
	Inner Beams	Two (2) 12" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 12" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 14" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 14" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 16" deep manufactured beams with 1/4" web (minimum 50k grade web material)
	Outer Beams	Two (2) 12" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 12" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 14" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 14" deep manufactured beams with 1/4" web (minimum 50k grade web material)	Two (2) 16" deep manufactured beams with 1/4" web (minimum 50k grade web material)
	Cross Sill Height	6" & 4" alternating crossmembers on 12" centers	6" & 4" alternating crossmembers on 12" centers	8" & 4" alternating crossmembers on 12" centers	8" & 4" alternating crossmembers on 12" centers	10" & 4" alternating crossmembers on 12" centers
	Side Rail	Outer perimeter beam with 4 D-rings on each side of the main deck	Outer perimeter beam with 4 D-rings on each side of the main deck	Outer perimeter beam with 4 D-rings on each side of the main deck	Outer perimeter beam with 4 D-rings on each side of the main deck	Outer perimeter beam with 4 D-rings on each side of the main deck
	Neck	Full width top deck with outer perimeter beams and 2 D-rings on each side	Full width top deck with outer perimeter beams and 2 D-rings on each side	Full width top deck with outer perimeter beams and 2 D-rings on each side	Full width top deck with outer perimeter beams and 2 D-rings on each side	Full width top deck with outer perimeter beams and 2 D-rings on each side
	Rear Deck Height	40 inches	40 inches	40 inches	40 inches	40 inches
	Main Deck Height	18 inches	18 inches	20 inches	20 inches	24 inches
	Fifth Wheel Height	49 inches	49 inches	49 inches	49 inches	49 inches
	King Pin Setting	16 inches	16 inches	16 inches	16 inches	16 inches
	Outriggers	None Standard	None Standard	None Standard	None Standard	None Standard
	Flooring	1 5/16 Inch Apitong Wood	1 3/8 Inch Apitong Wood	1 3/8 Inch Apitong Wood	1 1/2 Inch Apitong Wood	1 1/2 Inch Apitong Wood
	Paint	Black - Sherwin Williams	Black - Sherwin Williams	Black - Sherwin Williams	Black - Sherwin Williams	Black - Sherwin Williams
	A X L E S & S U S P E N S I O N S	Suspension Type	Hendrickson HT250 Air-ride Suspension	Hendrickson HT250 Air-ride Suspension	Hendrickson HT250 Air-ride Suspension	Hendrickson HT250 Air-ride Suspension
Number of Axles		2 axles - 25,000 lb nominal with 77.5 tracking	2 axles - 25,000 lb nominal with 77.5 tracking	2 axles - 25,000 lb nominal with 77.5 tracking	2 axles - 25,000 lb nominal with 77.5 tracking	2 axles - 25,000 lb nominal with 77.5 tracking
Axle Spacing		54 inches - set to the rear	54 inches - set to the rear	54 inches - set to the rear	54 inches - set to the rear	54 inches - set to the rear
Sliding Axles		No Sliding Axles	No Sliding Axles	No Sliding Axles	No Sliding Axles	No Sliding Axles
Axle Spindle		Tapered Spindle	Tapered Spindle	Tapered Spindle	Tapered Spindle	Tapered Spindle
Lift Axle Kits		None Standard	None Standard	None Standard	None Standard	None Standard
Hub & Drums		Cast hub with outboard cast drums	Cast hub with outboard cast drums	Cast hub with outboard cast drums	Cast hub with outboard cast drums	Cast hub with outboard cast drums
Bearing Lubricant		Oil in hubs	Oil in hubs	Oil in hubs	Oil in hubs	Oil in hubs
Outer Wheels		22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White
Inner Wheels		22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White	22.5" x 8.25" Steel - Prepainted White
Tires		General ST250 255/70R22.5	General ST250 255/70R22.5	General ST250 255/70R22.5	General ST250 255/70R22.5	General ST250 255/70R22.5
Spare Wheel & Tire		None Standard	None Standard	None Standard	None Standard	None Standard
Tire Carrier		None Standard	None Standard	None Standard	None Standard	None Standard
Tire Inflation System	None Standard	None Standard	None Standard	None Standard	None Standard	
Mudflaps	Single Pair At Rear	Single Pair At Rear	Single Pair At Rear	Single Pair At Rear	Single Pair At Rear	
A I R & L I G H T S	ABS	Wabco 4S/2M	Wabco 4S/2M	Wabco 4S/2M	Wabco 4S/2M	Wabco 4S/2M
	Brakes	Spring brakes with auto slack adjusters	Spring brakes with auto slack adjusters	Spring brakes with auto slack adjusters	Spring brakes with auto slack adjusters	Spring brakes with auto slack adjusters
	Brake Dust Covers	None Standard	None Standard	None Standard	None Standard	None Standard
	Light Kit	Standard Grote LED	Standard Grote LED	Standard Grote LED	Standard Grote LED	Standard Grote LED
	Clearance Lights	3 Clearance Lights Per Side	3 Clearance Lights Per Side	3 Clearance Lights Per Side	3 Clearance Lights Per Side	3 Clearance Lights Per Side
	Rear Lights	4-3-4 Standard LED Lights	4-3-4 Standard LED Lights	4-3-4 Standard LED Lights	4-3-4 Standard LED Lights	4-3-4 Standard LED Lights
	Conspicuity Tape	Per NHTSA spec	Per NHTSA spec	Per NHTSA spec	Per NHTSA spec	Per NHTSA spec
	Flag Holders	Included Standard	Included Standard	Included Standard	Included Standard	Included Standard
	Certificate Holder	Included Standard	Included Standard	Included Standard	Included Standard	Included Standard
FHWA Inspection	Included Standard	Included Standard	Included Standard	Included Standard	Included Standard	
Weight	14,787 lbs	15,387 lbs	15,637 lbs	16,837 lbs	17,087 lbs	