

Characteristic / Característica	RHINO RECH80 (RECH80-6 / RECH80-7)	Kalmar DCG80-45ED7	Konecranes SMV 6/7 ECC 80	SANY SDCY80K7
General / General				
Brand / Marca	RHINO	Kalmar	Konecranes	SANY
Model / Modelo	RECH80 (RECH80-6 / RECH80-7)	DCG80-45ED7	SMV 6/7 ECC 80	SDCY80K7
Machine Type / Tipo de Máquina	Empty Container Handler / Manipulador de Contenedores Vacíos	Empty Container Handler	Empty Container Handler	Empty Container Handler
Load Capacity / Capacidad de Carga kg (lb)	8,000 (17,636)	8,000 (17,636)	8,000 (17,636)	8,000 (17,636)
Max Stacking Height / Apilamiento Máximo	6–7 High / 6–7 Pisos (8'6" / 9'6")	7 High / 7 Pisos	6–7 High / 6–7 Pisos	7 High / 7 Pisos
Operating Weight / Peso Operativo kg (lb)	32,800 – 33,800 (72,311 – 74,516)	34,200 (75,398)	33,500 (73,854)	34,000 (74,957)
Engine / Motor				
Engine Make / Marca del Motor	Cummins / Rhino	Cummins / Volvo	Volvo / Cummins	Cummins
Engine Model / Modelo del Motor	QSB6.7	QSB6.7 / TAD850VE	TAD850VE / QSB6.7	QSB6.7
Gross Power / Potencia Bruta kW (hp)	129.0 (173.0) @ 2,200 rpm	164.0 (220.0)	160.0 (215.0)	164.0 (220.0)
Max Torque / Torque Máximo N.m (ft-lb)	800 (590) @ 1,500 rpm	949 (700)	920 (678)	949 (700)
Displacement / Cilindraje L (cu. in)	6.7 (408.8) - 6 cyl	6.7 (408.8)	7.7 (470.0)	6.7 (408.8)
Drivetrain & Components / Tren Motriz y Componentes				
Transmission Make / Marca Transmisión	ZF (Germany)	ZF / Dana Spicer	Dana Spicer / ZF	Dana Spicer / ZF
Transmission Model / Modelo Transmisión	3WG211 AUTO (Auto-shift 3F/3R)	3WG211 / TE17000	TE17000 (F3/R3)	3WG211 / TE17000
Drive Axle Brand / Marca Eje Motriz	Kessler (Germany)	Kessler	Kessler	Kessler
Drive Axle Model / Modelo Eje Motriz	D81PL478-NLB	D81PL478	D81PL478	D81PL478
Steering Axle Brand / Marca Eje Dirección	SOCMA	Kalmar / OMCI	Konecranes	SANY
Brakes / Frenos	Wet Disc / Discos Húmedos	Wet Disc	Wet Disc	Wet Disc
Tire Size / Dimensión Neumáticos	12.00-24 24PR (4/2)	12.00-24 24PR	12.00-24 24PR	12.00-24 24PR
Performance & Dimensions / Desempeño y Dimensiones				
Travel Speed (loaded/unloaded) / Vel. Despl.	40 / 43 km/h (25 / 27 mph)	40 / 45 km/h (25 / 28 mph)	38 / 42 km/h (24 / 26 mph)	40 / 45 km/h (25 / 28 mph)
Lift Speed (loaded/unloaded) / Vel. Elevación	0.55 / 0.60 m/s (108 / 118 ft/min)	0.55 / 0.60 m/s	0.50 / 0.55 m/s	0.55 / 0.60 m/s
Max Gradeability (loaded) / Pendiente Superable	30 %	30 %	28 %	30 %
Wheelbase / Distancia entre Ejes mm (in)	4,020 (158.0)	4,500 (177.2)	4,500 (177.2)	4,500 (177.2)
Min Turning Radius / Radio de Giro Mínimo mm (in)	5,700 (224.0)	6,300 (248.0)	6,250 (246.1)	6,350 (250.0)
Overall Length / Longitud Total mm (in)	6,450 (253.0)	6,800 (267.7)	6,750 (265.7)	6,820 (268.5)
Height Mast Lowered / Altura Mástil Reposo mm	9,600 – 11,091 (378.0 – 436.0)	11,000 (433.1)	10,950 (431.1)	11,050 (435.0)



Characteristic / Característica	RHINO RECH90 (RECH90-8 / RECH90-7)	Kalmar DCG90-45ED8	Konecranes SMV 6/7 ECC 90	SANY SDCY90K8
General / General				
Brand / Marca	RHINO	Kalmar	Konecranes	SANY
Model / Modelo	RECH90 (RECH90-8 / RECH90-7)	DCG90-45ED8	SMV 6/7 ECC 90	SDCY90K8
Machine Type / Tipo de Máquina	Empty Container Handler / Manipulador de Contenedores Vacíos	Empty Container Handler	Empty Container Handler	Empty Container Handler
Load Capacity / Capacidad de Carga kg (lb)	9,000 (19,841)	9,000 (19,841)	9,000 (19,841)	9,000 (19,841)
Max Stacking Height / Apilamiento Máximo	7–8 High / 7–8 Pisos (8'6" / 9'6")	8 High / 8 Pisos	7–8 High / 7–8 Pisos	8 High / 8 Pisos
Operating Weight / Peso Operativo kg (lb)	38,680 (85,274)	38,200 (84,216)	37,500 (82,673)	38,500 (84,878)
Engine / Motor				
Engine Make / Marca del Motor	Cummins / Rhino	Cummins / Volvo	Volvo / Cummins	Cummins
Engine Model / Modelo del Motor	QSB6.7	QSB6.7 / TAD850VE	TAD850VE / QSB6.7	QSB6.7
Gross Power / Potencia Bruta kW (hp)	164.0 (220.0) @ 2,200 rpm	164.0 (220.0)	160.0 (215.0)	164.0 (220.0)
Max Torque / Torque Máximo N.m (ft-lb)	949 (700) @ 1,500 rpm	949 (700)	920 (678)	949 (700)
Displacement / Cilindraje L (cu. in)	6.7 (408.8) - 6 cyl	6.7 (408.8)	7.7 (470.0)	6.7 (408.8)
Drivetrain & Components / Tren Motriz y Componentes				
Transmission Make / Marca Transmisión	ZF (Germany)	ZF / Dana Spicer	Dana Spicer / ZF	Dana Spicer / ZF
Transmission Model / Modelo Transmisión	3WG211 AUTO (Auto-shift 3F/3R)	3WG211 / TE17000	TE17000 (F3/R3)	3WG211 / TE17000
Drive Axle Brand / Marca Eje Motriz	Kessler (Germany)	Kessler	Kessler	Kessler
Drive Axle Model / Modelo Eje Motriz	D81PL488-NLB	D81PL488	D81PL488	D81PL488
Steering Axle Brand / Marca Eje Dirección	OMCI (Italy)	Kalmar / OMCI	Konecranes	SANY
Brakes / Frenos	Wet Disc / Discos Húmedos	Wet Disc	Wet Disc	Wet Disc
Tire Size / Dimensión Neumáticos	14.00-24 28PR (4/2)	14.00-24 28PR	14.00-24 28PR	14.00-24 28PR
Performance & Dimensions / Desempeño y Dimensiones				
Travel Speed (loaded/unloaded) / Vel. Despl.	41 / 45 km/h (26 / 28 mph)	40 / 45 km/h (25 / 28 mph)	38 / 42 km/h (24 / 26 mph)	40 / 45 km/h (25 / 28 mph)
Lift Speed (loaded/unloaded) / Vel. Elevación	0.55 / 0.60 m/s (108 / 118 ft/min)	0.55 / 0.60 m/s	0.50 / 0.55 m/s	0.55 / 0.60 m/s
Max Gradeability (loaded) / Pendiente Superable	38 %	35 %	30 %	35 %
Wheelbase / Distancia entre Ejes mm (in)	4,520 (178.0)	4,500 (177.2)	4,500 (177.2)	4,500 (177.2)
Min Turning Radius / Radio de Giro Mínimo mm (in)	6,300 (248.0)	6,300 (248.0)	6,250 (246.1)	6,350 (250.0)
Overall Length / Longitud Total mm (in)	6,850 (269.0)	6,800 (267.7)	6,750 (265.7)	6,820 (268.5)
Height Mast Lowered / Altura Mástil Reposo mm	12,399 (488.0)	12,300 (484.3)	12,250 (482.3)	12,350 (486.2)