

Characteristic / Característica	RHINO RRS4500	Kalmar DRG450-60S5	Konecranes SMV 4531 CC5	SANY SRSC45H1
General / General				
Brand / Marca	RHINO	Kalmar	Konecranes	SANY
Model / Modelo	RRS4500	DRG450-60S5	SMV 4531 CC5	SRSC45H1
Machine Type / Tipo de Máquina	Reach Stacker / Apilador Telescópico	Reach Stacker / Apilador Telescópico	Reach Stacker / Apilador Telescópico	Reach Stacker / Apilador Telescópico
Operating Weight / Peso Operativo kg (lb)	73,000 (160,937)	69,500 (153,220)	69,800 (153,882)	72,000 (158,732)
Capacities & Stacking / Capacidades y Apilamiento				
Max Capacity 1st Row / Capacidad 1ra Fila kg (lb)	45,000 (99,208)	45,000 (99,208)	45,000 (99,208)	45,000 (99,208)
Max Capacity 2nd Row / Capacidad 2da Fila kg (lb)	31,000 (68,343)	31,000 (68,343)	31,000 (68,343)	31,000 (68,343)
Max Capacity 3rd Row / Capacidad 3ra Fila kg (lb)	15,000 (33,069)	15,000 (33,069)	15,000 (33,069)	15,000 (33,069)
Load Center 1st Row / Centro Carga 1ra Fila mm (in)	1,900 (74.8)	1,865 (73.4)	1,865 (73.4)	1,900 (74.8)
Max Stacking Height / Altura Máx. Apilamiento	5 High / 5° Piso (15,000 mm / 591 in)	5 High (15,100 mm)	5 High (15,100 mm)	5 High (15,100 mm)
Engine / Motor				
Engine Make / Marca del Motor	Cummins	Volvo / Cummins	Volvo / Cummins	Cummins / Volvo
Engine Model / Modelo del Motor	QSM11T3 C335	TAD1151VE / QSM11	TAD1151VE / QSM11	QSM11 / TAD1151VE
Gross Power / Potencia Bruta kW (hp)	250.0 (335.0) @ 2,100 rpm	265.0 (355.0)	265.0 (355.0)	250.0 (335.0)
Max Torque / Torque Máximo N.m (ft-lb)	1,674 (1,235) @ 1,400 rpm	1,780 (1,313)	1,780 (1,313)	1,674 (1,235)
Displacement / Cilindraje L (cu. in)	10.8 (659.1)	10.8 (659.1)	10.8 (659.1)	10.8 (659.1)
Drivetrain & Hydraulics / Transmisión e Hidráulica				
Transmission Brand / Marca de Transmisión	Dana Spicer	Dana Spicer	Dana Spicer	Dana Spicer
Transmission Model / Modelo Transmisión	14.7HR36432 (APC122 Auto Shift F4/R4)	TE30500 (F4/R4)	TE30500 (F4/R4)	TE30500 (F4/R4)
Drive Axle Brand / Marca Eje Delantero Motriz	Kessler + Co	Kessler + Co	Kessler + Co	Kessler + Co
Axle Model / Modelo de Eje Motriz	D102PL341/528-NLB8460	D102PL341	D102PL341	D102PL341
Main Hydraulic Pumps / Bombas Hidráulicas	Parker Sweden PAVC100B38R2A22	Parker / Rexroth	Parker / Rexroth	Parker / Danfoss
Service Brakes / Frenos de Servicio	Oil-cooled Multi-disc / Discos Húmedos	Oil-cooled Multi-disc	Oil-cooled Multi-disc	Oil-cooled Multi-disc
Spreader / Herramienta de Levante (Spreader)				
Spreader Brand / Marca de Spreader	ELME	ELME	ELME / Konecranes	ELME / SANY
Spreader Model / Modelo de Spreader	817	817	817	SDJ450 / ELME 817
Spreader Rotation Angle / Ángulo de Rotación	-95° / +185°	-95° / +185°	-105° / +195°	-95° / +185°
Performance & Dimensions / Desempeño y Dimensiones				
Max Travel Speed (unloaded) / Vel. Desplazamiento	25.0 km/h (15.5 mph)	25.0 km/h (15.5 mph)	25.0 km/h (15.5 mph)	25.0 km/h (15.5 mph)
Max Gradeability (loaded/unloaded) / Pendiente	30 / 15 %	32 / 20 %	30 / 18 %	30 / 15 %
Wheelbase (A) / Distancia entre Ejes mm (in)	6,000 (236.0)	6,000 (236.0)	6,000 (236.0)	6,000 (236.0)
Min Turning Radius / Radio de Giro Mínimo mm (in)	8,200 (323.0)	8,100 (318.9)	8,200 (323.0)	8,500 (334.6)
Overall Length (B) / Longitud Total mm (in)	11,373 (447.0)	11,200 (440.9)	11,300 (444.9)	11,350 (446.9)
Overall Height Boom Lowered (I) / Altura mm (in)	4,650 (183.0)	4,600 (181.1)	4,600 (181.1)	4,780 (188.2)
Overall Chassis Width (M) / Ancho Chasis mm (in)	3,260 (128.3)	3,050 (120.1)	3,100 (122.0)	3,200 (126.0)
Tire Size / Dimensión de Neumáticos	Pneumatic 18.00-25-40PR	18.00-25-40PR	18.00-25-40PR	18.00-25-40PR