

# Baumann GS Series Specifications Sheet

<b>Technical Data</b>									
Model	GS 160					GS 220			
Lift Capacity	16,000					22,000			
Platform Width	55	63	71	79	55	63	71	79	
Load Center	27.5	31.5	35.5	39.5	27.5	31.5	35.5	39.5	
Fork Length	55	63	71	79	55	63	79	79	
Fork Width	7.8					7.8			
Fork Thickness	2.8	3.1	3.3	2.8	3.1	3.3			
Drive	Diesel or LPG								
Steering	Hydrostatic								
Tire Type	Pneumatic								
<b>Dimensions</b>									
Overall Length	219					219			
Overall Width	91	98	106	114	91	98	106	114	
Maximum Lift	138					138			
Overall Height	109					109			
Overall Height	178					178			
Free Lift	24					24			
Height of Cab	115					115			
Tilt Forward/Backward									
Platform Height	52					56			
Extension	59	67	75	83	59	67	75	83	
Load Clearance	4					4			
Well Width	63					63			
Fork Spacing	8 – 59					8 – 59			
Turning Radius - <i>inner</i>	211	215	221	226	211	215	221	226	
Turning Radius - <i>outer</i>	106	114	121	128	106	114	121	128	
Overall Aisle Width	192	197	201	206	192	197	201	206	
Front Part	36					36			
Rear Part	48					48			
Frame Length - <i>front</i>	73					73			
Frame Length - <i>rear</i>	83					83			
<b>Performance</b>									
Travel Speed - <i>loaded</i>	13 mph					13 mph			
Travel Speed - <i>unloaded</i>	16 mph					16 mph			
Lift Speed - <i>loaded</i>	1.4 inches/second					1.4 inches/second			
Lift Speed - <i>unloaded</i>	1.6 inches/second					1.6 inches/second			
Lower Speed - <i>loaded</i>	2.0 inches/second					2.0 inches/second			
Lower Speed - <i>unloaded</i>	1.7 inches/second					1.7 inches/second			
Maximum Grade - <i>loaded</i>	21%					21%			
Maximum Grade - <i>unloaded</i>	35%					35%			
<b>Weight</b>									
Weight - <i>unloaded</i>	22800				31240	33000	35200	37400	
Axle Load - <i>max. front</i>	19668				29040	29920	30360	30800	
Axle Load - <i>max. rear</i>	20812				28028	28820	29260	29700	
<b>Chassis</b>									
Tires - <i>front/rear</i>	2/2					2/2			
Tire Size	12.00 – 20					12.00 – 24			
Wheel Base	135					135			
Wheel Track - <i>front</i>	77	85	93	101	77	85	93	101	
Wheel Track - <i>rear</i>	76	84	92	100	76	84	92	100	
Ground Clearance	12					12			
Service Brake	Hydraulic Power assisted all-wheel brake								
Secondary Brake	Hydraulic Power assisted all-wheel brake								
Parking Brake	Spring type actuator acting on drive wheels								
<b>Drive</b>									
Diesel engine - <i>make</i>	PERKINS								

Note: Measurements are in inches and pounds unless otherwise specified.

