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"GO FOR THE LEGS"

- Luke Skywalker

When the walkers' armour proves too strong for blasters, Luke Skywalker commands his Rogue Group T-47 snowspeeder pilots to use their tow cables and harpoons, "go for the legs" and bring the battle beasts to their knees.

WEIGHING DESIGN OPTIONS

How do you construct a sturdy LEGO[®] version of the AT-AT in this size, with movable functions to recreate the dramatic scenes from the movie? The biggest challenge was making the legs posable and strong enough to support the weight of the body and head in every position. The design team explored numerous options and techniques and consulted with LEGO Technic Design Master Markus Kossmann to develop creative building solutions. The newly developed arc elements in the feet serve both as design details and stabilisers. They help distribute the weight of the model evenly among a total of eight wheels placed on top of the arc elements, two in each foot. The combination of these new building techniques in the legs and feet met the design and function requirements, and extensive testing confirmed that this construction would make a solid foundation for the model.



NEW BUILDING TECHNIQUES

Incorporating LEGO[®] Technic turntables and worm gears in the leg joints showed promising results in the early versions of the model's development. When you spin the worm gears with the adjustment tool, the joint is instantly locked, securing the model in its place. New 'flip-flop beams' in both the upper and lower parts of the legs added extra strength to the model. LEGO System plates cover the beams to complete the exterior look and conceal the inner mechanics.

















































































































































































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2x

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1x

269

1x






































































































































































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