

APOLLO TYRES presents the **Commercial Vehicle Design Series**

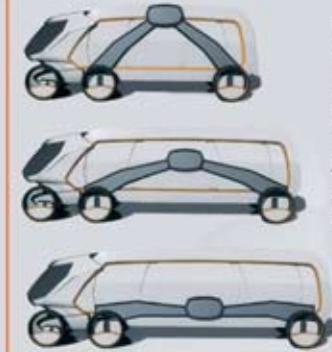


FELIDAE

THIS SPECIAL TRUCK IS DESIGNED FOR TRANSPORTING FLAT GLASS. A SOLE TRUCK THAT TRANSPORTS THE SAME AMOUNT OF LOAD AS A TRACTOR SEMI-TRAILER UNIT BY COMPRESSING ITS SIZE. FOR LOADING AND UNLOADING THE TRUCK CAN BE LOWERED AND EFFECTS REDUCING TIME, EFFORT AND BREAKAGE. A SUSPENSION SET UP IDENTIFIES THE ROAD PAVEMENT AND THE TRAILER'S SUSPENSION WILL BE ADAPTED ACCORDINGLY. FLEXIBILITY IN THE LOADING HEIGHT AND LOADING LENGTH DEPENDING ON THE SPECIAL NEEDS IS THE AIMS OF THIS WORK. WITH A HYBRID-ELECTRIC-POWER AND A NEW SUSPENSION SYSTEM THE TRUCK RESOLVES A VERY SPECIAL TRANSPORT CHALLENGE.



Felidae will transport the same amount of load as a semi-trailer unit, while the same truck could also be used by the dealers to deliver the consumers by compressing its size which could allow it to squeeze through congested city roads.

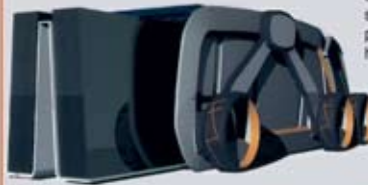


Inspiration for trailer extension

The trailer of the Felidae can be extended to carry more cargo, which directly relates to a jumping leopard when the animal is in its full stretched position.



Loading and unloading of the huge flat glass bundles has become easier as the trailer lowers down to touch the ground, so the glass sheets, which will be kept on a rack, can be easily pushed into the vehicle or pulled out by some small vehicle or human power.



The rack for keeping glass sheets so it can be pushed in easily.



2 big wheels are placed in center of rack for load bearing and on 4 corners small wheels are placed to maintain balance.

DESIGNED BY
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You can count on us to carry the loads of tomorrow.



APOLLO TYRES