

BIONIC HANDS

A prosthetic hand that moves more naturally than traditional prostheses and can hold awkward or delicate objects.



The bionic hand looks like the real one, although it is made by metallic materials and its color is metallic too. It has fully articulated joints in the area of the knuckles, an individual motor for each digit and sensors in socket pick up myoelectric signals from arm muscles to make full range of movements.

When you use hammer ,the Individual Motors in each finger allow you to move the hand and grip in a natural, coordinated way .The motors are located to optimize weight distribution.

And when you can pick up an egg as easily as crushing an empty can, because the bionic hand has the system of Proportional Speed Control gives you precision control over delicate tasks.

Finally another everyday example is when you get up for a chair, the bionic hand has Durable construction and advanced materials which makes the bionic hand strong enough to handle up to 45kg.

One of the shortcomings of the bionic hand is that it has meaningless touch.

I think that in the future the bionic hand would incorporate the touch sense and it would be more similar to natural hand.

I think it would be a good idea to invest in bionic hands, specially for it due to a traffic accident, working in the building industry side effect...

For this reason we need money, since there are not many bionic hands in the market, and the ones which are available are too expensive.