



CYBORG definition: A **cyborg**, short for "cybernetic organism," is a being with both biological and artificial (e.g. electronic, mechanical or robotic) enhancements. The term cyborg is often applied to an organism that has enhanced abilities due to technology. Fictional cyborgs are portrayed as a synthesis of [organic](#) and synthetic parts, and frequently pose the question of difference between human and machine as one concerned with morality, free will, and empathy. Fictional cyborgs may be represented as visibly mechanical (e.g. the [Cybermen](#) in the [Doctor Who](#) franchise or [The Borg](#) from [Star Trek](#)); or as almost indistinguishable from humans. Cyborgs in fiction often play up a human contempt for over-dependence on technology, particularly when used for war, and when used in ways that seem to threaten [free will](#).

ROBOTS: A **robot** is a mechanical device that can perform tasks automatically. It may – but need not – be humanoid in appearance. Some robots require some degree of guidance, which may be done using a remote control, or with a computer interface. A robot is usually an [electro-mechanical machine](#) that is guided by a [program](#) or [circuitry](#). Robots can be [autonomous](#), semi-autonomous or remotely controlled and range from humanoids such as [ASIMO](#) and [TOPIO](#) to [Nano robots](#), ['swarm' robots](#), and [industrial robots](#). By mimicking a lifelike appearance or automating movements, a robot may convey a sense of intelligence or [thought](#) of its own. Robots have replaced humans <sup>[citation needed]</sup> in the assistance of performing those repetitive and dangerous tasks which humans prefer not to do, or are unable to do due to size limitations, or even those such as in outer space or at the bottom of the sea where humans could not survive the extreme environments. Some people have developed an awareness of potential problems associated with autonomous robots and how they may affect society. Fear of robot behaviour, such as the [Frankenstein complex](#), drive current practice in establishing what autonomy a robot should and should not have.

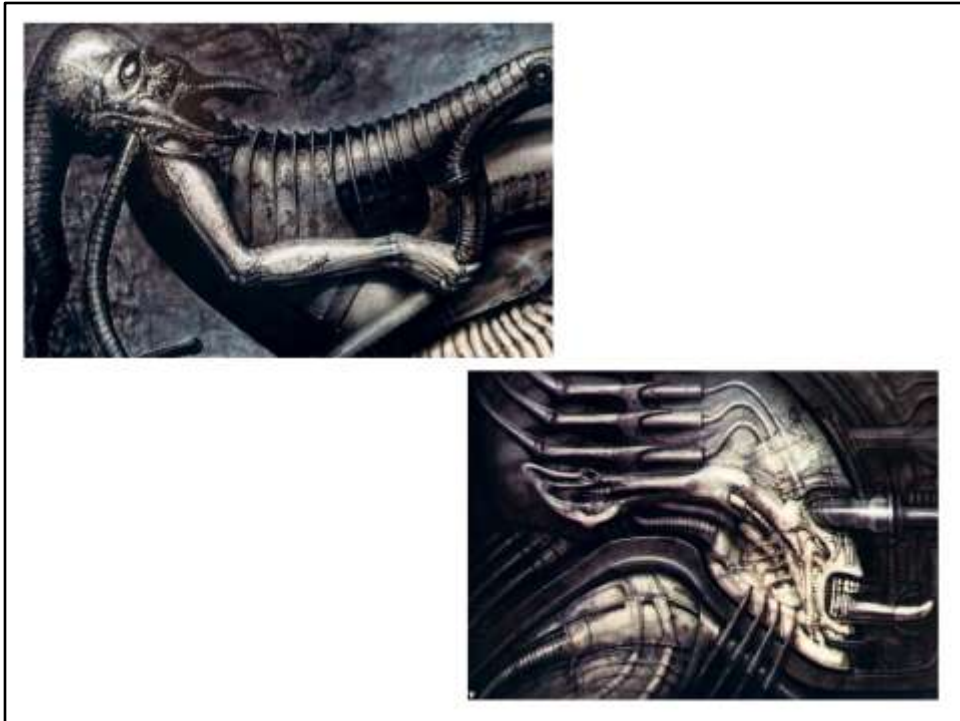


Ian Holm as Ash in Alien (1978- Dir: Ridley Scott)  
Cyborg scientist that tries to kill everyone on the Nostromo due to faulty “twitchy” wiring- until this point no one is aware he isn’t human!!



H R Giger designed most of the visual look of Alien including the actual Alien costume (pictured here as a design and working costume for the film (complete with the 6ft actor playing the alien!!))

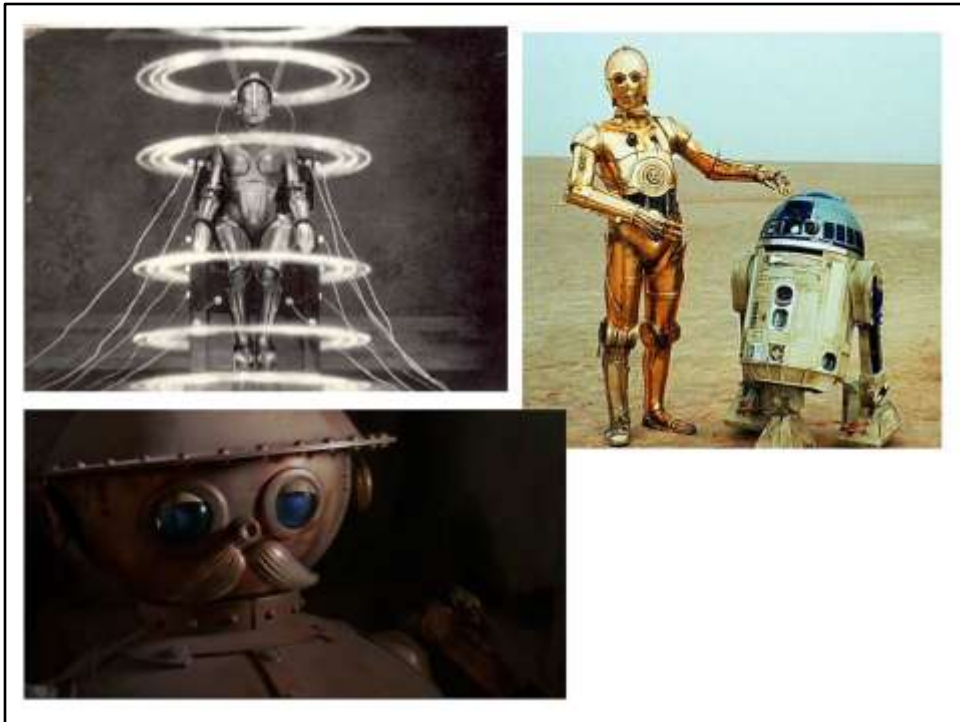
Giger was obsessed with the technological grafted onto human form.



Here are more of his drawings/ concept paintings for Alien including the Space Jockey from Alien, which coincidentally plays a major role in Scott's new film (Prequel? to Alien) Prometheus.



Arnold S pictured here as The Terminator, another cybonetic organism hell bent of destroying all humans!! (Terminator- dir: James Cameron 1984)



Historic robots for film History: Maria from Metropolis (1922 Dir: Fritz Lange)  
R2D2 and C3P0 from Star Wars (Epi 4) (1977- Dir: G Lucas)  
Tik Tok from Return to Oz (1985 Dir: Walter Murch)

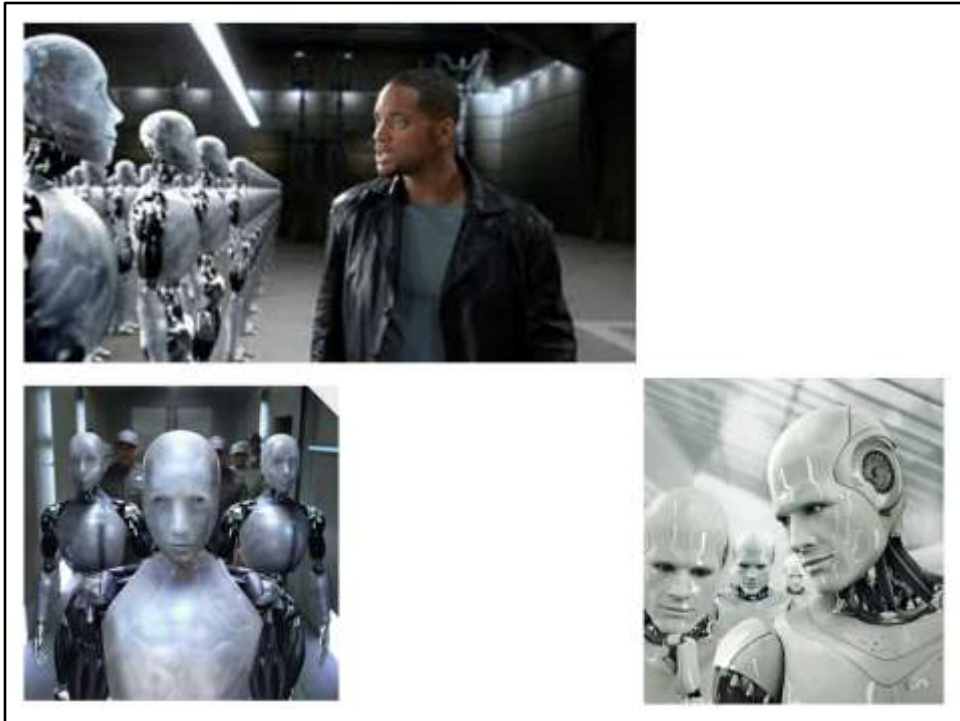


How **robots** can evolve and be used in different films-

Left: Jonny 5 from movie Short Circuit (1986 Dir: John Badham)

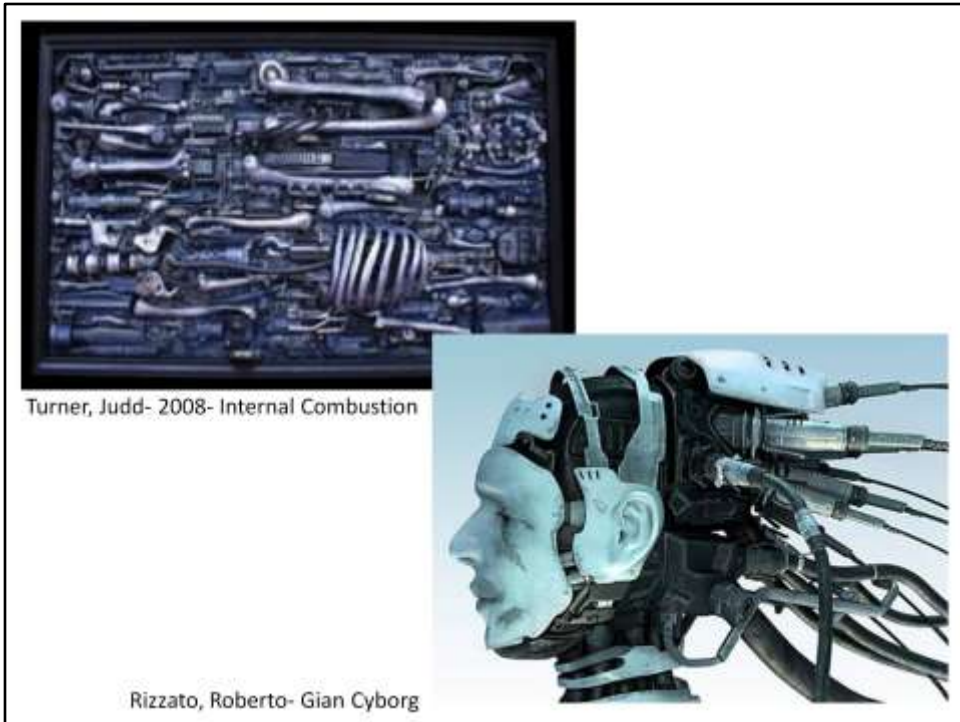
Right: Wall E from Pixar's film Wall E ( 2008 Dir: Andrew Stanton)

Both robots are incredibly similar and Wall E seems to be a comic homage to the earlier film.



More Cyborg films: NS-5 cyborg with Sonny the main cyborg character (2004 Dir: Alex Proyas)

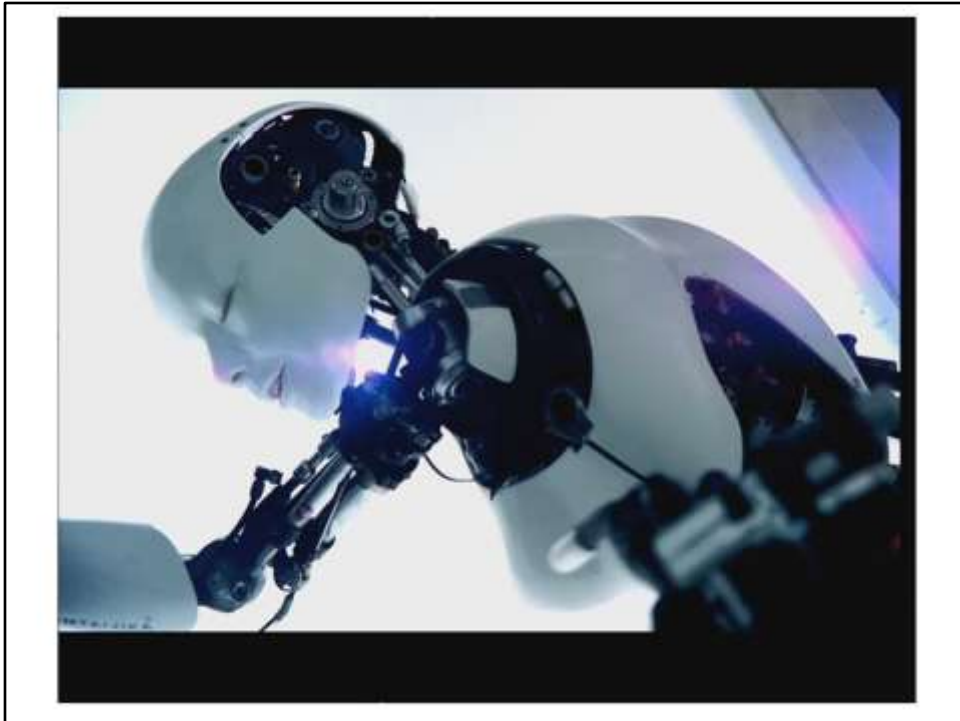




Turner, Judd- 2008- Internal Combustion

Rizzato, Roberto- Gian Cyborg

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Music Video using state of the art robot designer Paul Catling's skills- This is Bjork's video: All is full of Love ( Dir: Chris Cunningham)

The video won multiple awards, including two [MTV Video Music Awards](#) for [Breakthrough Video](#) and [Best Special Effects](#). It was also nominated for a [Grammy](#) for [Best Short Form Music Video](#) (it lost to [Korn's "Freak on a Leash"](#)). It is on permanent exhibition at the [Museum of Modern Art](#) in [New York](#). The video also placed in "[MTV2's 100 Best Videos Ever](#)" coming in at number 1.<sup>[1]</sup>



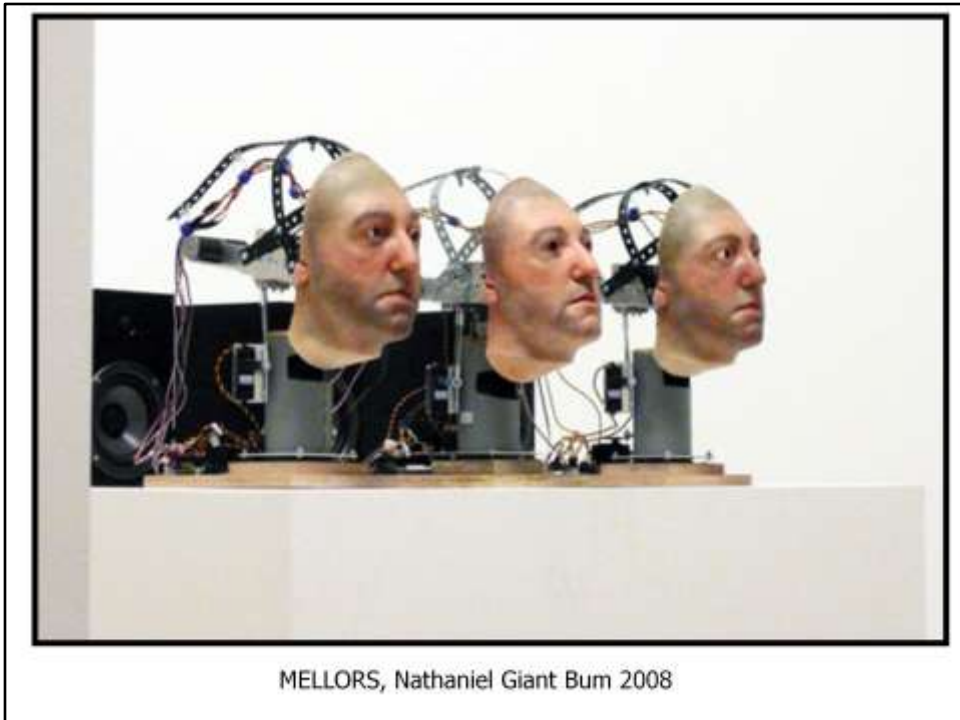
Catling's skills were also utilised in an amazing short film called *Tomo* (Dir: Paul Catling) Sundance film winner



Another amazing Graphic illustrator artist who produces Cyborg people is Benedict Campbell- please have a look at his work!!



More of Benedict Campbell's work



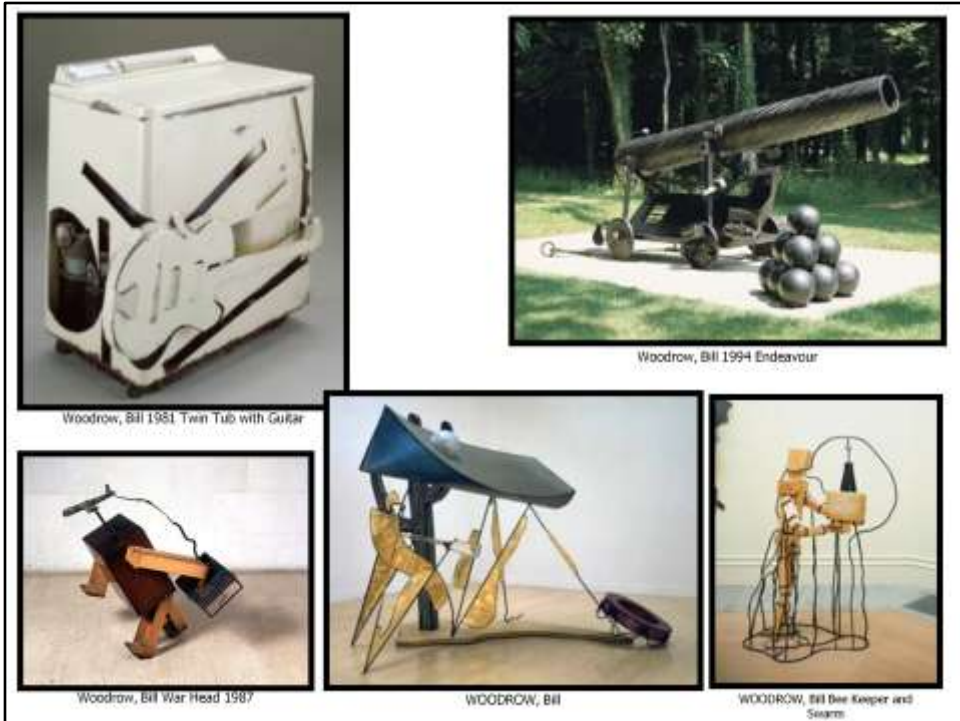
MELLORS, Nathaniel Giant Bum 2008

MELLORS, Nathaniel Giant Bum 2008 These are animated and talking men- this was an art installation that I was fortunate to see- scary latex heads and rambling conversations.



Epstein, Jacob 1913 The Rock Drill

Note the date this was created by Epstein (and how his design was pilfered for the droid army in Phantom menace!!). This portrayed many of the fears of Epstein in the run up to WW1



Woodrow used found objects and often creates robotic people to create his art.





Paolozzi Eduard Michelangelo's David



Paolozzi, Sir Eduardo -Michelangelo's David 1987



Dine, Jim 3 from 10 Winter Tools 1973

# EDOUARDO PAOLOZZI





HEARTFIELD, John- Hitler



Kennard, Peter- Photomontage



UNKNOWN (Scarlet Beautiful) Words of Wisdom  
2007 Mixed media collage



Nader ,James



Nader, James- Earphones