



PROJECT NAME	Autochef
PURPOSE	Remote-controlled food cooking and serving robot

Autochef cutaway

- 1 Autochef activation buttons
- 2 Remote-control antenna
- 3 Temperature slider control
- 4 Timer control dial
- 5 Food mixer bowl
- 6 Food mixer bowl lid
- 7 Food mixer speed dial
- 8 Multi-function timer dial
- 9 Temperature gauge
- 10 Food mixer/dials wiring
- 11 Frying pan (in horizontal position for normal use)
- 12 Frying pan hinge
- 13 Heating ring wiring
- 14 Heating ring (swings down when not in use)
- 15 Lid hinge allows access for maintenance and refilling
- 16 Autograb unscrews milk bottle lid
- 17 Refillable milk bottle
- 18 Milk pouring arm (also used to place teabags in pot)
- 19 Sugar deployment and stirring arm
- 20 Sugar/coffee spoon
- 21 Arm control motors
- 22 Remote-control antenna
- 23 Control systems wiring
- 24 Electric pump circulates hot water from tank to tea and coffee pots
- 25 Water tank refill funnel
- 26 Remote-control transceiver
- 27 Coffee caddy
- 28 Teabag caddy
- 29 Sugar caddy
- 30 Teapot
- 31 Telescopic spout on both tea and coffee pots
- 32 Telescopic spout motor
- 33 Hinged lids on tea and coffee pots
- 34 Revolving platter positions tea and coffee pots behind pouring hole
- 35 Platter rotation gearing
- 36 Platter scissor lift
- 37 Electric motor for platter scissor lift
- 38 Water tank
- 39 Water tank heating element
- 40 Flexible piping connects water tank to refill funnel and pump
- 41 Steering caster wheels
- 42 Pouring hole (also acts as a vent when Autochef is in cooking mode)

Just a bit more testing and cooking will become a thing of the past!

