My code for successful robot (copy the whole thing):

to circlel :length

repeat 360 [fd :length lt 1]

end

to circler :length

repeat 360 [fd :length rt 1]

end

to rectangle :l1 :l2

repeat 2 [fd :l1 rt 90 fd :l2 rt 90]

end

to robot

pu

fd 400

pd

rectangle 90 180

fd 30

lt 70

fd 20

rt 70

fd 10

rt 70

fd 20

rt 20

pu

fd 180

pd

rt 20

fd 20

rt 70

fd 10

rt 70

fd 20

rt 20

pu

fd 45

lt 90

fd 5

pd

rectangle 10 90

pu

rt 90

fd 30

rt 90

fd 15

pd

circlel 0.05

pu

bk 15

lt 90

fd 30

rt 90

fd 15

pd

circler 0.05

pu

lt 90

fd 5

rt 90

fd 20

pd

circlel 0.2

pu

bk 35

rt 90

fd 35

lt 90

fd 35

pd

circler 0.2

pu

bk 60

rt 90

fd 35

rt 90

pd

fd 20

bk 20

rt 90

fd 100

lt 90

fd 20

pu

rt 90

fd 80

rt 180

pd

rectangle 260 100

rt 90

fd 40

rt 90

square 30

pu

fd 20

rt 90

fd 15

pd

circlel 0.5

pu

bk 15

lt 90

fd 10

lt 90

pd

rectangle 70 40

pu

rt 135

fd 10

setfloodcolor [255 0 255]

fill

bk 11

fill

bk 1

rt 45

fd 10

lt 90

fd 20

lt 90

fd 12

fill

rt 180

fd 10

rt 90

fd 20

fill

bk 1

rt 90

fd 72

lt 90

fd 10

rt 90

pd

rectangle 30 60

pu

rt 90

fd 15

lt 90

fd 15

pd

rectangle 80 30

pu

fd 80

lt 90

fd 10

rt 90

pd

square 50

pu

bk 190

lt 90

fd 285

pd

square 30

rt 90

pu

fd 15

lt 90

fd 20

pd

lt 90

circler 0.5

pu

bk 15

rt 90

fd 10

pd

rectangle 40 70

rt 90

fd 65

rt 90

fd 10

rt 180

rectangle 60 30

rt 90

fd 15

lt 90

pu

fd 15

pd

rectangle 30 80

rt 90

fd 80

rt 90

fd 10

rt 180

square 50

pu

fd 15

lt 90

fd 154

fill

fd 20

fill

lt 90

fd 15

fill

fd 265

lt 90

bk 26

fd 10

lt 90

pd

rectangle 50 80

pu

fd 90

pd

rectangle 120 5

rt 90

pu

fd 10

lt 90

pd

rectangle 120 5

rt 90

pu

fd 10

lt 90

pd

rectangle 120 5

rt 90

pu

fd 10

lt 90

pd

rectangle 120 5

pu

rt 90

fd 25

pd

circlel 0.2

pu

lt 90

fd 40

rt 90

pd

circlel 0.2

pu

lt 90

fd 40

rt 90

pd

circlel 0.2

pu

fd 35

rt 90

bk 70

fd 25

lt 90

pd

rectangle 20 210

pu

fd 20

rt 90

bk 25

lt 90

pd

rectangle 80 260

pu

fd 5

rt 90

fd 20

lt 90

pd

rectangle 20 80

pu

fd 30

lt 90

fd 10

rt 90

pd

square 80

rt 90

pu

fd 250

bk 10

rt 180

pd

square 80

rt 90

fd 80

lt 90

bk 10

rectangle 100 40

pu

fd 260

bk 100

pd

rectangle 100 40

pu

fd 10

rt 90

fd 40

lt 90

fd 80

rt 90

pd

rectangle 70 80

pu

fd 90

rt 90

fd 100

rt 90

pd

semicircle

pu

fd 100

rt 90

fd 89

lt 90

bk 50

fd 10

lt 90

pd

rectangle 70 80

pu

fd 90

rt 90

fd 100

rt 90

pd

semicircle

pu

rt 180

fd 30

lt 90

fd 10

fill

fd 20

fill

rt 90

fd 170

fill

rt 90

fd 20

fill

ht

end

to semicircle

repeat 180 [fd 1 rt 1]

rt 90

fd 115

end

to square :length

repeat 4 [fd :length rt 90]

end

