



42	Motor	1	
41	Shaped aluminum 20x20x500	2	
40	Pad for Support plate in the conveyor shaft	2	
39	Support plate in the conveyor shaft	2	
38	Conveyor shaft	1	
37	Camera bracket	1	
36	Pad for roller	4	
35	Pulley GT2 60 tooth, shaft 12mm	1	
34	Couplings for rollers and couplings	2	
33	Roller	2	
32	Pulley GT2 20 tooth, shaft 8mm	1	
31	Conveyor shaft bearings	2	
30	External support plate for conveyor shaft	2	
29	Machine leg	2	
28	Shaped aluminum 20x20x15	4	
27	Camera bracket	1	
26	Camera basler	1	
25	X-axis shaped aluminum 20x40	2	
24	Motion part of pen	10	
23	Pen	10	
22	Springs outside of pen	10	
21	Outer shell of pen	10	
20	Pen slide sole	10	
19	Servo motor	10	
18	Sensor bracket	1	
17	Input proximity sensor	1	
16	Light bracket	1	
15	X-axis stepper motor	2	
14	Pulley bracket	1	
13	Pulley	1	
12	Conveyor support bar	12	
11	Conveyor 20x3x3000	2	
10	Roller bracket	8	
9	Roller	12	
8	Y-axis shaped aluminum 20x40	1	
7	Roller	8	
6	Camera move department	4	
5	Pulley GT2 20 tooth, shaft 5mm	1	
4	Y-axis stepper motor	1	
3	Stepper motor bracket	1	
2	Sensor bracket	2	
1	Output proximity sensor	1	
Ord	Name	Quantity	Note

CAPSTONE PROJECT

RESEARCH AND MANUFACTURE AN AUTOMATIC EGG FERTILITY DETECTION SYSTEM

Responsible	Name	Sign	Date	Scale: 1:4	Must:
Instructor	DR. VO NHU THANH				Sheet: 01
Supervisor	MR. TON THAT LIEM				Sheet number: 09
Student	LE DUC ANH				
	LE MINH NHAT				
	NGUYEN NGOC KHOI				

ASSEMBLY DRAWING

DANANG UNIVERSITY OF
SCIENCE AND TECHNOLOGY
FACULTY OF MECHANICAL
CLASS: 19CDTCLC1