

** MIDAS/GTS - Modeling, Integrated
Design & Analysis Software **
** GENERAL STRUCTURE
DESIGN SYSTEM FOR WINDOWS

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PC WINDOWS 95/98/2000/NT/XP
VERSION.

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-----S T A R T I N G S
O L U T I O N

MULTI-FRONTAL SOLVER
AVAILABLE MEMORY = 1400.0 MBYTES
INTERNAL DATA REGENERATION (ENTRY
REGEN_MODEL)

CONSTRUCTION STAGE NO. : 1

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.61107E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.56876E+01 M
Y-COORDINATE OF C.G 3.32619E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INITIAL STAGE ANALYSIS IS FINISHED

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.06
- FORM LOAD VECTORS 1.81
- FORM STIFFNESS MATRICES 1.67
- MULTI-FRONTAL SOLUTION 0.40
- RESULT OUTPUT 1.36
- TOTAL ELAPSED TIME 5.33

CONSTRUCTION STAGE NO. : 2

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.61107E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.56876E+01 M
Y-COORDINATE OF C.G 3.32619E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M

INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.641E-14

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.60
- FORM STIFFNESS MATRICES 1.66
- MULTI-FRONTAL SOLUTION 1.25
- RESULT OUTPUT 1.30
- TOTAL ELAPSED TIME 5.88

CONSTRUCTION STAGE NO. : 3

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59672E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57829E+01 M
Y-COORDINATE OF C.G 3.31961E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.326E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.46
- FORM STIFFNESS MATRICES 1.60
- MULTI-FRONTAL SOLUTION 0.15
- RESULT OUTPUT 1.23
- TOTAL ELAPSED TIME 4.50

CONSTRUCTION STAGE NO. : 4

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59749E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57778E+01 M
Y-COORDINATE OF C.G 3.32000E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.187E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.48
- FORM STIFFNESS MATRICES 1.62
- MULTI-FRONTAL SOLUTION 0.16
- RESULT OUTPUT 1.36
- TOTAL ELAPSED TIME 4.68

CONSTRUCTION STAGE NO. : 5

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.59749E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57778E+01 M
Y-COORDINATE OF C.G 3.32000E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.400E-05

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.04
- FORM LOAD VECTORS 1.46
- FORM STIFFNESS MATRICES 1.58
- MULTI-FRONTAL SOLUTION 0.16
- RESULT OUTPUT 1.41
- TOTAL ELAPSED TIME 4.66

CONSTRUCTION STAGE NO. : 6

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58769E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58432E+01 M
Y-COORDINATE OF C.G 3.31694E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.141E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.38
- FORM STIFFNESS MATRICES 1.50
- MULTI-FRONTAL SOLUTION 0.17
- RESULT OUTPUT 1.22
- TOTAL ELAPSED TIME 4.33

CONSTRUCTION STAGE NO. : 7

THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58793E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58416E+01 M
Y-COORDINATE OF C.G 3.31701E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.229E-13

** S T A G E T I M E L O G I N S E C O
N D **

- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.38
- FORM STIFFNESS MATRICES 1.55
- MULTI-FRONTAL SOLUTION 0.28
- RESULT OUTPUT 1.23

- TOTAL ELAPSED TIME 4.49

CONSTRUCTION STAGE NO. : 8
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.58793E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.58416E+01 M
Y-COORDINATE OF C.G 3.31701E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.295E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.39
- FORM STIFFNESS MATRICES 1.52
- MULTI-FRONTAL SOLUTION 0.16
- RESULT OUTPUT 1.28
- TOTAL ELAPSED TIME 4.46

CONSTRUCTION STAGE NO. : 9
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57311E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57586E+01 M
Y-COORDINATE OF C.G 3.31014E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.246E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.25
- FORM STIFFNESS MATRICES 1.41
- MULTI-FRONTAL SOLUTION 0.15
- RESULT OUTPUT 1.16
- TOTAL ELAPSED TIME 4.02

CONSTRUCTION STAGE NO. : 10
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57389E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57629E+01 M
Y-COORDINATE OF C.G 3.31054E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.164E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.30
- FORM STIFFNESS MATRICES 1.45
- MULTI-FRONTAL SOLUTION 0.14
- RESULT OUTPUT 1.17
- TOTAL ELAPSED TIME 4.12

CONSTRUCTION STAGE NO. : 11
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.57389E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57629E+01 M
Y-COORDINATE OF C.G 3.31054E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.172E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.28
- FORM STIFFNESS MATRICES 1.40
- MULTI-FRONTAL SOLUTION 0.13
- RESULT OUTPUT 1.53
- TOTAL ELAPSED TIME 4.39

CONSTRUCTION STAGE NO. : 12
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56457E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57105E+01 M
Y-COORDINATE OF C.G 3.30760E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.108E-13

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** S T A G E T I M E L O G I N S E C O
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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.17
- FORM STIFFNESS MATRICES 1.38
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.47
- TOTAL ELAPSED TIME 4.18

CONSTRUCTION STAGE NO. : 13
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56480E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57118E+01 M
Y-COORDINATE OF C.G 3.30767E+01 M

Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.148E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.20
- FORM STIFFNESS MATRICES 1.40
- MULTI-FRONTAL SOLUTION 0.12
- RESULT OUTPUT 1.12
- TOTAL ELAPSED TIME 3.90

CONSTRUCTION STAGE NO. : 14
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THE TOTAL WEIGHT OF MODEL

TOTAL WEIGHT 2.56480E+04 TONF

THE CENTER OF GRAVITY OF FINITE ELEMENT
MODEL

X-COORDINATE OF C.G 8.57118E+01 M
Y-COORDINATE OF C.G 3.30767E+01 M
Z-COORDINATE OF C.G 0.00000E+00 M
INCREMENT NO. : 1 ITERATION NO. : 1
LOAD FACTOR : 0.100E+01 DISPL. NORM : 0.169E-13

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** S T A G E T I M E L O G I N S E C O
N D **

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- INPUT DATA READING AND GENERATION
0.03
- FORM LOAD VECTORS 1.20
- FORM STIFFNESS MATRICES 1.36
- MULTI-FRONTAL SOLUTION 0.14
- RESULT OUTPUT 1.13
- TOTAL ELAPSED TIME 3.88

-----S O L U T I O N T E
R M I N A T E D
YOUR G.T.S JOB IS SUCCESSFULLY COMPLETED.....
TOTAL SOLUTION TIME...: 66.14 [SEC]
