

Emergent Machine

for Orchestra

Paul Frucht

Duration: Approx. 8:30

Instrumentation:

- 2 Flutes (2nd doubling piccolo)
- Oboe
- English Horn in F
- 2 Clarinets in Bb
- 2 Bassoons
- 4 Horns in F
- 2 Trumpets in Bb
- 2 Trombones
- Bass Trombone
- Tuba
- Timpani
- Percussion 1: Large Suspended Cymbal, Triangle, Snare Drum, Woodblock, Hi-hat
- Percussion 2: Bass Drum, Triangle, Snare Drum, Egg Shakers
- Harp
- Strings

Notes:

*When notated with a “+” sign, trumpets and trombones should be played with the hand over the mute. When notated with a “0” sign, trumpets and trombones should be played with no hand over the mute. When notated with “+0+0+0” trumpets and trombones should alternate in a rapid, but unmeasured fashion between open and closed. “+-----0” conveys that the player should gradually move from close to open position and “0----+” vice versa.

*Percussion 1 and 2 share several instruments. No duplicates of any percussion instruments are necessary.

*When notated with a “+” sign, all cymbals should be choked.

*All cymbals should be played with soft yarn mallets unless otherwise written.

*Shakers should preferably egg shakers or some other type of small shakers.

*Harp harmonics are notated where they should sound.

Paul Frucht

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8

15

A

1 Fl. *p* *mf* *mf*

2 *p* *mf*

Ob. *mf* *mp*

E. Horn in F *mf* *p* *mf*

1 Cls. in Bb *mf* *mp*

2 *mf* *p*

1 Bns. *mf* *p* *f* *p* *p*

2 *mf* *p* *f* *p*

1 Hns. in F *p* *p* *mf* *p*

2 *p* *mf* *p*

3 *p* *mf* *p*

4 *p* *p*

1 Trpts. in Bb *mp* *p* *f*

2 *p*

1 Trbs. *p* *mp* *mp* *p*

2 *p* *mp* *mp*

Bass Trb. *p* *mf* *mp*

Tba. *p* *mp* *p*

mf *pp* *mf*

large sus. cymbal

Bass Drum

to snare drum

Hrp. *f* *f* *p* *mf*

15

A

1 Vlns. *arco* *mp* *p*

2 *arco* *mp* *p*

Vla. *arco* *mp* *p* *mf*

Vlc. *arco* *p* *mp* *mp* *mf*

D.b. *p* *mp* *p* *p*

unis. *p* *mf*

div. *p*

22

B

A little quicker ♩ = 66

Fl.

1

f 3

mf 3 3 3 *f*

mp

2

f 3

mf 3 3 3 *f*

mp

Ob.

f 3

mf 3 3 3 *f*

mp

E. Horn in F

f

mf 3 3 3 *f*

p 3

Cls. in Bb

1

f 3

mf 3 3 3 *f*

mp

2

f 3

mf 3 3 3 *f*

mp

Bns.

1

f 3

p (x)

mf

2

mf

Hns. in F

1

mf

f +

p

2

mf

f +

p

3

mf

f +

p

4

mf

f +

p

Trpts. in Bb

1

2

Trbs.

1

pp *mf fp*

2

pp *mf fp*

Bass Trb.

pp *mf fp*

Tba.

pp *mf fp*

Percussion

1

large sus. cymbal

mf

2

Hrp.

mf

cresc.

22

B

A little quicker ♩ = 66

Vlns.

1

mf

p

p

2

mf

p

p

Vla.

mf

p

p unis.

Vlc.

mf

p

p

D.b.

mf

p

27

Fl.

Ob.

E. Horn in F

Cls. in Bb

Bns.

Hns. in F

Trpts. in Bb

Trbs.

Bass Trb.

Tba.

large sus. cymbal

Hrp.

Vlns.

Vla.

Vlc.

D.b.

27

32

C

Faster

 = 80

Fl.

1

2

Ob.

E. Horn in F

Cls. in Bb

1

2

Bns.

1

2

Hns. in F

1

2

3

4

Trpts. in Bb

1

2

Trbs.

1

2

Bass Trb.

Tba.

Percussion

1

2

Hrp.

32

C

Faster

 = 80

Vlns.

1

2

Vla.

Vlc.

D.b.

41 *accel.* Patiently ♩ = 52

Fl. 1 *ffp* *f* *ff* *to piccolo*

Fl. 2 *ffp* *f* *ff*

Ob. *ffp* *f* *ff* *solo espress. mp*

E. Horn in F *ffp* *f* *ff* *soli pp* *p*

Cls. in Bb 1 *ffp* *f* *ff* *p*

Cls. in Bb 2 *ffp* *f* *ff* *p*

Bns. 1 *p* *ff* *p* *soli pp* *p*

Bns. 2 *p* *ff* *p*

Hns. in F 1 *p* *f* *ff*

Hns. in F 2 *p* *mf* *ff*

Hns. in F 3 *p* *mf* *ff*

Hns. in F 4 *p* *ff*

Trpts. in Bb 1 *ffp* *mf* *p* *ff* *con sord. harmon mute* *pp*

Trpts. in Bb 2 *ffp* *mf* *p* *ff*

Trbs. 1 *f* *pp* *>*

Trbs. 2 *f* *pp* *>*

Bass Trb. *ff*

Tba. *ff*

Percussion 1 *f* *large sus. cymbal play with brushes* *pp* *ppp* *with mallets* *pp*

Percussion 2 *mf* *f* *p*

Hrp. *p*

Place cymbal on timpani and play cymbal while pedaling the given pitches

41 *accel.* Patiently ♩ = 52

Vlns. 1 *mf* *unis.* *ff* *p* *sul tasto*

Vlns. 2 *mf* *ff* *p* *sul tasto*

Vla. *p* *ff* *p* *sul tasto*

Vlc. *p* *ff* *p* *sul tasto*

D.b. *ff* *p* *sul tasto*

50 **D** Molto Allegro ♩ = 144-150

1 Fl.

2

Ob.

E. Horn in F

1

2

Clas. in Bb

1

2

Bns.

1

2

Hns. in F

1

2

3

4

Trpts. in Bb

1

2

Trbs.

1

2

Bass Trb.

Tba.

Percussion

1

2

Hrp.

1

2

3

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986

987

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992

993

994

995

996

997

998

999

1000

50 **D** Molto Allegro ♩ = 144-150

1

2

Vlns.

Vla.

Vlc.

D.b.

con sord.

con sord.

pizz.

unis. *p* pizz.

p

58

Fl. 1.

Picc.

Ob.

E. Horn in F

1

Cls. in Bb

2

1

Bns.

2

1

Hns. in F

2

3

4

1

Trpts. in Bb

2

1

Trbs.

2

Bass Trb.

Tba.

ord., without cymbal

large sus. cymbal

to triangle

Triangle

to snare drum

Snare Drum

Bass Drum

Hrp.

58

Vlms.

1

2

Vla.

Vlc.

D.b.

f

66

66

1. Vlns.

2. Vlns.

Vla.

Vlc.

D.b.

senza sord.

ffz

senza sord.

unis.

ffz

senza sord.

ffz

arco *ffz*

ffz

ffz

ffz

[illegible]

[illegible]

89
F

89
F
unis.

[illegible]

110

116
G

Fl. 1. *p* *ff* *p* *f*

Picc. *p* *ff* *p* *f*

Ob. *p* *ff* *p* *f*

E. Horn in F *p* *ff* *p* *f*

Cls. in Bb
 1 *p* *ff* *p* *f*
 2 *p* *ff* *p* *f*

Bns.
 1 *p* *ff*
 2 *p* *ff*

Hns. in F
 1 *ff*
 2 *ff*
 3 *ff*
 4 *ff*

Crpts. in Bb
 1 *ff*
 2 *ff*

Trbs.
 1 *ff*
 2 *ff*

Bass Trb. *ff*

Tba. *ff*

Percussion
 1 large sus. cymbal *mf* *ff*
 2 Triangle *p* *f*

Hrp. *ff*

116
G

Vlns.
 1 *fp* *ff* *p* *f*
 2 *fp* *ff* *p* *f*

Vla. *fp* *ff* *p* *f*

Vlc. *fp* *ff* *f*

D.b. *ff*

121

142 **H** Slower ♩. = 72 (♩ = 108)

Fl.

Ob.

E. Horn in F

Cls. in Bb

Bns.

Hns. in F

Trpts. in Bb

Trbs.

Bass Trb.

Tba.

Percussion

Hrp.

flute

con sord.
straight mute

con sord.
harmon mute

large sus. cymbal

142 **H** Slower $\text{♩} = 72 (\text{♩} = 108)$

Vlns. 1 *p* *mf* *p* *sim.*

Vlns. 2 *p* *mf* *p* *sim.*

Vla. *p* *mf* *p* *sim.*

Vlc. *p* *mf* *p* *sim.*

D.b. *p* *mf* *p* *sim.*

149

Fl.

1

2

Ob.

E. Horn in F

Cls. in Bb

1

2

Bns.

1

2

Hns. in F

1

2

3

4

Trpts. in Bb

1

2

Trbs.

1

2

Bass Trb.

Tba.

Percussion

1

2

Hrp.

149

Vlns.

1

2

Vla.

Vlc.

D.b.

[illegible]

155

I sim.

Vlns. 1 *f*

Vlns. 2 *f*

Vla. *f*

Vlc. *f*

D.b.

This musical score segment covers measures 155 through 160. It features five staves: Violins I, Violins II, Viola, Violoncello, and Double Bass. Measures 155 and 156 are marked with a forte (*f*) dynamic and contain sixteenth-note patterns. At measure 157, there is a section labeled 'I' in a box, followed by a 'sim.' (similato) marking. The dynamics change to piano (*p*) for all string parts. From measure 158 to 160, the strings play continuous sixteenth-note figures. Measure 160 concludes with a fermata over a half note G major chord (G-A-B). A double bar line follows measure 160.

163

1

Fl.

2

Ob.

pp

E. Horn in F

mf

p

1

2

1

2

1

Bns.

mp

p

2

p

1

2

3

4

1

2

Trpts. in Bb

mf

1

2

1

2

Trbs.

p

mf

Bass Trb.

p

mf

Tba.

p

mf

1

2

1

2

Hrp.

f

163

1

Vlns.

p

sim.

2

p

sim.

Vla.

p

sim.

Vlc.

p

sim.

D.b.

169

169

Fl.

Ob.

E. Horn in F

Cls. in Bb

Bns.

Hns. in F

trpts. in Bb

trbs.

Bass Trb.

Tba.

Percussion

Hrp.

senza sord.

Shakers

mf

mp

f

169

169

Vlns. 1

Vlns. 2

Vla.

Vlc.

D.b.

sim.

sim.

sim.

sim.

sim.

[illegible]

181

J

Suddenly Slower

= 88

Fl.

1

2

Ob.

E. Horn in F

Cls. in Bb

1

2

Bns.

1

2

Hns. in F

1

2

3

4

Trpts. in Bb

1

2

Trbs.

1

2

Bass Trb.

Tba.

Percussion

1

2

Hrp.

181

J

Suddenly Slower

= 88

Vlms.

1

2

Vla.

Vlc.

D.b.

K

Broaden

a tempo

[illegible]

K

Broaden

a tempo

[illegible]

198 Freely ♩ = 48

Fl. 1 *f*

Fl. 2 *f* to piccolo

Ob. *f* *mf* *p*

E. Horn in F *f* *p*

Cls. in Bb 1 *f* *p*

Cls. in Bb 2 *mf* *p*

Bns. 1 *mf* *mp* *p*

Bns. 2 *mf* *mp* *p*

Hns. in F 1 *mp*

Hns. in F 2

Hns. in F 3

Hns. in F 4

Trpts. in Bb 1 *mp*

Trpts. in Bb 2

Trbs. 1 *pp* *mp*

Trbs. 2 *mp*

Bass Trb. *pp* *mp*

Tba. *pp* *mp*

Percussion 1 large sus. cymbal *pp*

Percussion 2 Bass Drum *pp* to triangle

Hrp.

rubato
p solo espress.

Place cymbal on timpani and play cymbal while pedaling the given pitches

ppp

198

1 Vlns. *mp*

2 Vlns. *mp*

Vla. *mp*
div.

Vlc. *mp*

D.b. *mp*

solo *p*

Freely ♩ = 48

p

p

205 **L** Molto Allegro ♩ = 144-150 pizz.

205 **L** **Molto Allegro** ♩ = 144-150 pizz.

Vlns. 1 *p* pizz. arco con sord. *f*

Vlns. 2 *p* arco con sord. *f* div. arco con sord.

Vla. *p* tutti unis. pizz. *p* *f*

Vlc. *p* pizz. *p*

D.b. *p*

221

M

Fl. 1.

mf

f

p

mf

Picc.

p

mf

Ob.

mf

f

p

mf

E. Horn in F

mf

f

p

mf

1

mf

p

mf

2

mf

p

mf

1

mf

p

mf

2

mf

p

mf

Hns. in F

sf

mf

1

mf

2

mf

3

sf

mf

4

mf

Trpts. in Bb

1

mf

2

Trbs.

1

p

2

p

f

Bass Trb.

p

f

Tba.

f

p

f

to hi-hat

p

mp

f

Hi-hat

to snare drum

Percussion

1

f

2

Hrp.

ff

221

M

Vlns.

1

p

f

mf

2

p

f

mf

Vla.

senza sord.

p

f

mf

Vlc.

arco

mp

ffz

p

f

mf

D.b.

p

f

senza sord.

senza sord.

senza sord.

arco

arco

239

247

Fl. 1.

Picc.

Ob.

E. Horn in F

1

2

Cls. in Bb

1

2

Bns.

1

2

Hns. in F

1

2

3

4

Trpts. in Bb

1

2

Trbs.

1

2

Bass Trb.

Tba.

Percussion

1

2

Hrp.

247

Vlns.

1

2

Vla.

Vlc.

D.b.

254

[illegible]

